M.A. ECONOMICS

SEM	Course Code	Course	Course Title	Ins. Hrs / Week	Credit	Exam Hrs	Marks CIA	Marks ESE	Total
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	Course 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. Students will be able recognize the cardinal and ordinal approach
2. Students will be able Describe theory of production
3. Students will be able Analyze the price and output determination under different market situations
4. Students will be able Validate the oligopoly models
5. Students will be able 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. DiwiediD.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. JhinghanM.L, Vrinda publications, 8th Edition 2018
   Web Reference: www. Pearsoned.co.in/dndwivedi

Mapping with 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)				
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1				✓		✓		✓	✓	✓
CO 2	✓		✓	✓	✓	✓			✓	✓
CO 3	✓	✓				✓	✓	✓	✓	✓
CO 4	✓	✓	✓			✓			✓	✓
CO 5	✓	✓		✓	✓	✓	✓	✓	✓	✓
Number of Matches =34, Relationship: Moderate										

Prepared by: Dr. D. KUMAR   **Checked by:** Dr. J. MOHAMED ZEYAVUDHEEN

Note:

Mapping	1-29%	30-59%	60-69%	70-89%	90-100%
Matches	1-14	15-29	30-34	35-44	45-50
Relationship	Very poor	Poor	Moderate	High	Very high

Semester	Course 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. Students will be able to Equip with the theoretical knowledge relating to classical model of equilibrium in different markets and to acquaint the students with knowledge of Keynesian Economics.
2. At the end of the course it equip the students to understand the different theories on consumption function.
3. Students will be able to arrive at an understanding of ISLM frame work and to examine the impact of macro-Economic policies.
4. At the end of the course, the students acquaint with the knowledge of inflation theories and to make the students aware of the tradeoff between inflation and unemployment.
5. Students will be able tohave an insight into the development to the modern Macro Economics.

UNIT: I CLASSICAL AND KEYNESIAN ECONOMICS   18 Hours

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   18 Hours

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   18 Hours

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   18 Hours

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   18 Hours

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
Unit-III: M.L. Jhingan-Macro Economic Theory P: 602-608 &H.L.Ahuja- Macro Economic theory and Policy P: 493
Unit-IV: M.L. Jhingan-Macro Economic Theory P: 415-461
Unit-V: M.L. Jhingan-Macro Economic Theory P: 637-668

REFERENCE BOOKS :

1. Macro Economics: Ackley, Gardener,
2.Macro Economic analysis: Edward Shapiro
3. Keynes and Post Keynesian economics – R.D. GUPTA
Web reference
   1. www.yourarticlelibrary.com
   2. ww.economicsdiscussion.com

Mapping with 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)				
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	✓	✓				✓	✓	✓		
CO 2	✓	✓		✓		✓		✓	✓	
CO 3	✓	✓	✓			✓	✓	✓	✓	✓
CO 4	✓	✓				✓		✓	✓	✓
CO 5	✓	✓	✓	✓		✓	✓	✓		✓
Number of Matches =33, Relationship: Moderate										

Prepared by: **Checked by: Dr. J. MOHAMED ZEYAVUDHEEN**
Dr.A.J. HAJAMOHIDEEN
Note:

Mapping	1-29%	30-59%	60-69%	70-89%	90-100%
Matches	1-14	15-29	30-34	35-44	45-50
Relationship	Very poor	Poor	Moderate	High	Very high

Semester	Course 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 18 Hours

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 18 Hours

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 18 Hours

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

UNIT - IV INTEGRATION 18 Hours

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

UNIT - V MATRICES 18 Hours

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 MadnaniG.M.K. : Mathematics for Economists – Chapter- 4
2. Unit: II Mehta B.C. and MadnaniG.M.K. : Mathematics for Economists - Chapter - 6
3. Unit: III Mehta B.C. and MadnaniG.M.K. : Mathematics for Economists - Chapter - 8
4. Unit: IV Mehta B.C. and MadnaniG.M.K. : Mathematics for Economists - Chapter- 12

5. Unit: V Mehta B.C. and MadnaniG.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

Mapping with 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)				
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	✓	✓		✓	✓	✓	✓	✓	✓	✓
CO 2	✓	✓		✓	✓	✓	✓	✓	✓	✓
CO 3	✓	✓		✓	✓	✓	✓	✓	✓	✓
CO 4	✓	✓		✓	✓	✓	✓	✓	✓	✓
CO 5	✓	✓		✓	✓	✓	✓	✓	✓	✓
Number of Matches =45, Relationship: Very High										

Prepared by: **Checked by: Dr. A. HIDHAYATHULLA**

Dr. J. MOHAMED ZEYAVUDHEEN

Note:

Mapping	1-29%	30-59%	60-69%	70-89%	90-100%
Matches	1-14	15-29	30-34	35-44	45-50
Relationship	Very poor	Poor	Moderate	High	Very high

Semester	Course 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–OHLINTHEORIES 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. MannurH.G.   International Economics

Web reference
  1. www.yourarticlelibrary.com
  2. ww.economicsdiscussion.com

Mapping with programme outcomes and programme specific outcomes

Semester	Code		Title of the Paper		Hours			Credits	
I	**20PEC1CC4**		**International Economics**		6			4	
Course Outcomes (COs)	Programme Outcomes (Pos)					Programme Specific Outcomes (PSOs)				
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	✓		✓		✓	✓	✓	✓		✓
CO 2	✓	✓	✓	✓		✓	✓	✓	✓	✓
CO 3	✓	✓	✓		✓	✓	✓	✓		✓
CO 4	✓	✓	✓	✓		✓	✓	✓		✓
CO 5	✓	✓	✓		✓	✓	✓	✓		✓
Number of Matches =40, Relationship: High										

Prepared by: **Checked by**: **Dr. J. MOHAMED ZEYAVUDHEEN**

Dr. A. HIDHAYATHULLA

Note:

Mapping	1-29%	30-59%	60-69%	70-89%	90-100%
Matches	1-14	15-29	30-34	35-44	45-50

Relationship	Very poor	Poor	Moderate	High	Very high

Semester	Course 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 enriches 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 tradeoff 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 – itsadvantages 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 ANDMARKET BASED APPROACH   18 hours

Effluent charges: Pollution control through Effluent charges – Optimal level of effluentcharges – Effluent charges and pollution control technology – Advantages and disadvantages of Effluent charges. Subsidies – Comparison of Effluent charges and Subsidies. Transferableemission 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. Eugine : 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

Web reference
1. **www.yourarticlelibrary.com**
2. **ww.economicsdiscussion.com**

Mapping with programme outcomes and programme specific outcomes

Semester	Code		Title of the Paper		Hours			Credits	
I	**20PEC1DE1**		**Environmental Economics**		6			4	
Course Outcomes (COs)	Programme Outcomes (Pos)					Programme Specific Outcomes (PSOs)				
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	✓	✓	✓			✓	✓			✓
CO 2	✓	✓	✓	✓	✓	✓	✓			✓
CO 3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CO 4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CO 5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Number of Matches =44, Relationship: High										

Prepared by: **Checked by: Dr.J.Mohamed Zeyavudheen.**
 Dr. A. KHAN MOHAMED
Note:

Mapping	1-29%	30-59%	60-69%	70-89%	90-100%

Matches	1-14	15-29	30-34	35-44	45-50
Relationship	Very poor	Poor	Moderate	High	Very high

Semester	Course Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
I	**20PEC1DE1B**	**DSE I**	**Personnel 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 – CarrierDevelopment.

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 andLimitations

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 McGrow-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

Web reference
1. www.yourarticlelibrary.com
2. ww.economicsdiscussion.com

Mapping with programme outcomes and programme specific outcomes

Semester	Code		Title of the Paper		Hours			Credits	
I	**20PEC1DE1**		**Personnel Management**		6			4	
Course Outcomes (COs)	Programme Outcomes (Pos)					Programme Specific Outcomes (PSOs)				
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	✓			✓		✓				
CO 2	✓		✓			✓	✓	✓		✓
CO 3	✓		✓		✓	✓	✓	✓	✓	
CO 4	✓	✓	✓	✓	✓	✓		✓		✓
CO 5	✓	✓			✓	✓	✓	✓	✓	✓
Number of Matches =32, Relationship: Moderate										

Prepared by: **Checked by: Dr.J.Mohamed Zeyavudheen.**
Dr. A. KHAN MOHAMED
Note:

Mapping	1-29%	30-59%	60-69%	70-89%	90-100%
Matches	1-14	15-29	30-34	35-44	45-50
Relationship	Very poor	Poor	Moderate	High	Very high

Semester	Course 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. Students will be able toidentify the individual behaviour under uncertainity
2. Students will be able todiscuss about pricing of factors of production
3. Students will be able todemonstrate walrasian general equilibrium theory
4. Students will be able toexamine pareto optimality conditions in welfare economics
5. Students will be able tointerpret 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 Scitovskycriterion – 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 #.

 # SELF STUDY PORTION

Text books

1. Ahuja H.L: Advanced Economic Theory, Micro Economic Theory, micro economic analysis,

   S. Chand company limited, 2018.

2. DiwiediD.N : USB publishers distributors limited 2018

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

BOOKS FOR STUDY:

1. John kennedy.M , Himalaya publishing house 2018

2. JhinghanM.L, Vrinda publications, 8th Edition 2018

Web Reference :www. Pearsoned.co.in/dndwivedi

Mapping with 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)				
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	✓	✓	✓	✓	✓	✓	✓	✓		
CO 2	✓			✓	✓	✓		✓		
CO 3	✓	✓		✓	✓	✓	✓	✓	✓	✓
CO 4	✓	✓	✓	✓	✓	✓		✓		✓
CO 5	✓	✓	✓	✓	✓	✓	✓	✓		✓
Number of Matches =39, Relationship: High										

Prepared by: Dr. D. KUMAR   **Checked by: Dr.J.Mohamed Zeyavudheen:**

Note:

Mapping	1-29%	30-59%	60-69%	70-89%	90-100%
Matches	1-14	15-29	30-34	35-44	45-50

Relationship	Very poor	Poor	Moderate	High	Very high

Semester	Course 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. Students will be able toprovide a comprehensive treatment of theories on value of money and knowledge on classical, Keynesian and Friedman's view on money.
2. Students will be able toacquaintwith 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. Students will be able tofamiliarize with the concept of money supply, and aware of the relationship between money supply and Bop and Budget deficits.
5. Students will be able tounderstandthe Macroeconomic policy objectives and tools and their limitations.

UNIT - I VALUE OF MONEY   18 Hours
Cash Transactions Approach-Cash Balance approach-Keynes Reformulated Quantitytheory of money-Friedman's Restatement of quantity theory of money.
UNIT - II KEYNESIAN AND POST KEYNESIAN THEORIES OF DEMAND FOR MONEY   18 Hours
Liquidity preference approach-Patinkin's Real balance effect-Baumol's inventoryapproach-Tobin's Risk aversion theory.
UNIT- III MONETARIST REVOLUTION   18 Hours
Main features of monetarism-Policy differences between monetarism and Keynesianism-Criticism of monetarism.
UNIT - IV MONEY SUPPLY   18 Hours
Meaning of money supply-determinants of money supply-Measures of Money supply inIndia#-Budget deficits and money supply-Impact of deficit in Balance of payments and largecapital inflows on money supply-Concept of sterilization.
UNIT - V MONETARY POLICY   18 Hours
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
Web reference
      1. www.yourarticlelibrary.com
      2. ww.economicsdiscussion.com

Mapping with programme outcomes and programme specific outcomes

Semester	Code		Title of the Paper			Hours			Credits	
II	**20PEC2CC6**		**Monetary Economics**			6			5	
Course Outcomes (COs)	Programme Outcomes (Pos)					Programme Specific Outcomes (PSOs)				
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	✓	✓				✓	✓			✓
CO 2	✓	✓		✓	✓	✓	✓	✓	✓	✓
CO 3	✓	✓		✓	✓	✓	✓	✓	✓	✓
CO 4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CO 5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Number of Matches =43, Relationship: High										

Prepared by: **Checked by: Dr.J.Mohamed Zeyavudheen**
Dr. A.J. HAJAMOHIDEEN

Note:

Mapping	1-29%	30-59%	60-69%	70-89%	90-100%
Matches	1-14	15-29	30-34	35-44	45-50
Relationship	Very poor	Poor	Moderate	High	Very high

Semester	Course 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 will be able to acquire analytical skill inStatistics
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   **18 Hours**

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   **18 Hours**

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   **18 Hours**

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   **18 Hours**

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   **18 Hours**

       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- χ2 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   : StatisticalMethods
2. CroxtenandCowden   :Statistics
3. D.N. Elhance&VeenaElhance   : Fundamentals ofStatistics
4. Sivathanupillai   : Economics and Business Statistics

Mapping with 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)				
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	✓	✓		✓	✓	✓	✓	✓		✓
CO 2	✓	✓		✓	✓	✓	✓	✓		✓
CO 3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CO 4	✓	✓		✓	✓	✓	✓	✓	✓	✓
CO 5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Number of Matches =45, Relationship: Very High										

Prepared by: **Checked by: Dr. A. HIDHAYATHULLA**
Dr. J.MOHAMEDZEYAUVDHEEN

Note:

Mapping	1-29%	30-59%	60-69%	70-89%	90-100%
Matches	1-14	15-29	30-34	35-44	45-50

Relationship	Very poor	Poor	Moderate	High	Very high

Semester	Course 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 beable to identify the origins of economic thought in the ancient world including the scholastics and the emergence of ancient India.
2. Students will be able to review identify the links between the development of Medieval, Pre-Classical, Mercantilist and Physiocracy.
3. Students will be able to analyze the development of Classical Economic Doctrines.
4. Students will be able to 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'sArthashastra – 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 AiditGhazali : 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 Though
2. V.Lokanathan : A History of Economic Thought
3. B.W. Ganguli : Economic Theory
4. H.L. Bhatia : History of Economic Though
5. Srivastava : History of Economic Thought
6. K.V. Sundaram : Economic Thought

Web reference
    1. www.yourarticlelibrary.com

2. ww.economicsdiscussion.com

Mapping with 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)				
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	✓	✓				✓		✓		✓
CO 2	✓	✓		✓		✓		✓		✓
CO 3	✓	✓		✓		✓		✓		✓
CO 4	✓	✓	✓	✓	✓	✓		✓		✓
CO 5	✓	✓	✓	✓	✓	✓		✓		✓
Number of Matches =33, Relationship: Moderate										

Prepared by: **Checked by: Dr.J.Mohamed Zeyavudheen**
Dr. B. MOHAMED RAFEEQ

Note:

Mapping	1-29%	30-59%	60-69%	70-89%	90-100%
Matches	1-14	15-29	30-34	35-44	45-50
Relationship	Very poor	Poor	Moderate	High	Very high

Semester	Course Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
II	20PEC2DE2A	Discipline Specific Elective - II	Export Management	6	4	100	25	75

Course outcomes:

1. Students will be able tounderstand the export management Concepts and functions.
2. Students will be able toanalyze the Trend of India's Export
3. Students will be able todescribe the Export Policy, Promotion and Regulations
4. Students will be able tounderstand the Export pricing and Finance.
5. Students will be able tofamiliarize with 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

Web reference
   1. www.yourarticlelibrary.com
   2. ww.economicsdiscussion.com

Mapping with programme outcomes and programme specific outcomes

Semester	Code		Title of the Paper			Hours		Credits	
II	**20PEC2DE2**		**Export management**			6		4	
Course Outcomes (COs)	Programme Outcomes (Pos)					Programme Specific Outcomes (PSOs)				
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	✓					✓				✓
CO 2	✓	✓			✓	✓	✓		✓	✓
CO 3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CO 4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CO 5	✓		✓	✓	✓	✓		✓	✓	✓
Number of Matches =38, Relationship: High										

Prepared by: **Checked by: Dr.J.Mohamed Zeyavudheen**
Dr. K.N. MOHAMED FAZIL

Note:

Mapping	1-29%	30-59%	60-69%	70-89%	90-100%
Matches	1-14	15-29	30-34	35-44	45-50
Relationship	Very poor	Poor	Moderate	High	Very high

Semester	Course Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
II	20PEC2DE2B	Discipline Specific Elective - 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 245Renjana 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 164Renjana Seth, Industrial Economics, Ane Books Pvt. ltd, New Delhi.

Unit-V : Pages: 177 to 198Renjana 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.

Mapping with programme outcomes and programme specific outcomes

Semester	Code		Title of the Paper		Hours			Credits	
II	**20PEC2DE2**		**Industrial Economics**		6			4	
Course Outcomes (COs)	Programme Outcomes (Pos)					Programme Specific Outcomes (PSOs)				
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	✓					✓	✓	✓		✓
CO 2	✓	✓			✓	✓	✓	✓		✓
CO 3	✓	✓	✓	✓		✓	✓	✓		✓
CO 4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CO 5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Number of Matches =40, Relationship: High										

Prepared by: **Checked by: Dr.J.Mohamed Zeyavudheen**
Dr. J. KHADER SHARIEF

Note:

Mapping	1-29%	30-59%	60-69%	70-89%	90-100%
Matches	1-14	15-29	30-34	35-44	45-50
Relationship	Very poor	Poor	Moderate	High	Very high

Semester	Course Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
III	20PEC3CC9	Core - IX	Research Methodology	6	5	100	25	75

Course Outcomes:

At the end of the Course, Students will be able to:

1. Students are able to explore the Nature and Significance of Social Research.
2. Students will be able to observe the Problems in Formulating Hypothesis in Social Research.
3. Students will acquire knowledge on the Concepts Relating to Research Design & Steps in preparing a Research Design.
4. Students will be able to articulate the Methods and Techniques of Research.
5. Students are capable to examine Presentation of Research Report.

UNIT – I Nature and Significance of Social Research   18 hours

Social Science Research**: Nature**, Characteristics and **objectives of social research** – purpose – Motivation forces – Assumptions –Subject matter of Social Science Research – Sources of Data for Social Science Research –Utility of Social Science Research – Difficulties in Social Science Research – Qualities of a Good Researcher

UNIT – II Hypothesis   18 hours

Nature and meaning – Origin of Hypothesis – Functions of Hypothesis - Sources of Hypothesis – Types of Hypothesis –Formulation of Hypothesis – Problems in Formulating Hypothesis – Criteria for Judging Hypothesis – Verification of Hypothesis – Proof of Hypothesis – Role of Hypothesis in Social Science Research.

UNIT – III Research Design   18 hours

Meaning of Research Design – Definitions of Research Design – Essentials of a Research Design – Importance of Research Design – Concepts Relating to Research Design – Classification of Designs – Kinds of Research Design – Steps in preparing a Research Design – Relation between problem formulation and Research Design #Characteristics of a Good Research Design.#

UNIT – IV Methods and Techniques of Research   18 hours

Scientific Method – Definition of Scientific Method -Assumptions, characteristics and components of Scientific Method –Steps in Scientific Method – Problems and difficulties of Scientific Method - Essentials of Good Scientific Method; Historical Research – Necessary conditions for Historical Research; Case study Method – Characteristics of Case study Method**.**

UNIT –V Research Report   18 hours

Meaning and purpose of research report– Structure of research report - contents of a report – format of research report – qualities of good research report – Planning of the report – Organization of a report – Presentation of a report- Evaluation of Report.

 # Self Study

Text Books:
P. Saravanavel: Research Methodology
Unit – I : Chapter: 1, 2

Unit – II: Chapter:8, 23
Unit – III: Chapter: 9
Unit – IV: Chapter: 3, 4, 5
Unit – V: Chapter: 25

Books for Reference:
1. Goode, W.J. &Hatt P.K.: Methods in Social Research,
2. Kate Turabina : Manual of Style for writing dissertations, thesis and reports,
3. Myrdal G.: Objectivity in Social Research
4. R. Cauvery & Others: Research Methodology
5. Ghose, B.N.: Scientific method & Social Research

Web reference
1. www.yourarticlelibrary.com
2. ww.economicsdiscussion.com

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

Semester	Code	Title of the Paper	Hours		Credits
III	**20PEC3CC9**	**Research Methodology**	**6**		**5**
Course Outcomes (COs)	Programme Outcomes (Pos)					Programme Specific Outcomes (PSOs)				
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1		✓	✓	✓	✓		✓	✓		
CO 2		✓	✓	✓	✓	✓	✓	✓	✓	✓
CO 3		✓	✓	✓	✓	✓		✓	✓	
CO 4		✓	✓	✓		✓		✓		
CO 5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Number of Matches = 35, Relationship: High										

Prepared by: Dr. M.R. AJMAL KHAN   Checked by:**Dr.A.J. HAJAMOHIDEEN**

Note:

Mapping	1-29%	30-59%	60-69%	70-89%	90-100%
Matches	1-14	15-29	30-34	35-44	45-50
Relationship	Very poor	Poor	Moderate	High	Very high

Semester	Course Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
III	20PEC3CC10	Core - X	Managerial Economics	6	5	100	25	75

Course outcomes

At the end of the Course, Students will be able to:

1. Students will be able tocritically understand the subject matter of managerial economics out of micro economic analysis.
2. Students will be able to forecast the demand using appropriate techniques.
3. Students will be able to distinguish the pricing strategies.
4. Students will be able to critically analyse the production function
5. Students will be able to apply capital budgeting techniques in real time business.

UNIT – I Nature and Significance of Managerial Economics   18 hours

Managerial Economics: Meaning, Nature and Scope, Salient Features and Significance of Managerial Economics – Integration of Economics Decision in Science and Business Management. – Role and Responsibilities of a Managerial Economist – Normative or Positive approaches.

UNIT – II Demand Forecasting   18 hours

Demand forecasting: Meaning and Concept – Factors involved in demand forecasting – Purposes of Forecasting: Short-term forecasting and Long-term forecasting. Determinants of demand: Non-durable consumer goods, durable consumer goods and Capital goods. Methods of forecasting: Survey of Buyers' intentions – Collective Opinion – Trend Projections – Economic Indicators (Theoretical explanation only) – controlled experiments. Forecasting demand for new products – Criteria of a good forecasting method.

UNIT - III Pricing Methods, Profit Polices   18 hours

Full Cost Pricing – Target Pricing – Marginal Cost Pricing – Going Rate Pricing – Customary Prices – Limit Pricing. Profit Maximisation – Reasons – Alternative Profit Policies – Aims of Profit Policies – Break–Even Analysis – assumptions – Limitations and Importance

UNIT - IV Production Function   18 hours

Production function concept, functions- variable and fixed inputs-production in short run and long run, short run –total product, managerial product and average product, three stage of production-long run – Iso quants, Iso curve, different production decision.

UNIT – V   Capital Management   18 hours

Capital Budgeting – Meaning – Need – Determining the size of the capital budget – Cost of capital – Types – Apprising project profitability: Accounting Rate of Return – Internal Rate of Return – Net Present Value.

Text Books:

1. P. L. Metha: Managerial Economics
2. M.L. Jhingan: Managerial Economics
3. D.Gopalakrisna : Managerial Economics

Managerial economics - P.L Mehta P
UNIT I   1-11
UNIT II   123-130, 132-136
UNIT III   330-343, 407-417
UNIT IV   133-195
UNIT V   451-453,457-468,486
Web reference
1. www.yourarticlelibrary.com
2. ww.economicsdiscussion.com

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

Semester	Code	Title of the Paper	Hours			Credits	
III	**20PEC3CC10**	**Managerial Economics**	**6**			**5**	
Course Outcomes (COs)	Programme Outcomes (Pos)					Programme Specific Outcomes (PSOs)	
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	✓	✓	✓	✓		✓	✓			✓
CO 2		✓	✓		✓	✓	✓	✓	✓	✓
CO 3	✓	✓	✓	✓	✓	✓	✓	✓	✓	
CO 4		✓	✓	✓	✓	✓	✓	✓	✓	
CO 5		✓	✓	✓	✓	✓	✓	✓	✓	
Number of Matches = 40, Relationship: High										

Prepared by: Dr. K.N. MOHAMED FAZIL   Checked by:**Dr.A.J. HAJAMOHIDEEN**

Note:

Mapping	1-29%	30-59%	60-69%	70-89%	90-100%
Matches	1-14	15-29	30-34	35-44	45-50
Relationship	Very poor	Poor	Moderate	High	Very high

Semester	Course Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
III	20PEC3CC11	Core - XI	Economics of Growth and Development	6	4	100	25	75

Course Outcomes

At the end of the Course, Students will be able to:
1. Students will be able to critically analysis of the process of economic development under Classical and Keynesian thought.
2. Students will be able to critically evaluate the theories of Economic Development relevance to third world countries (Labour abundant countries).
3. Students will be able to critically evaluate the theories of Economic growth with due to importance to capital.
4. Students will be able to critically distinguish the strategies of economic growth and development.
5. Students gain the skill of formulating new strategies for economic development.

UNIT: I Theories of Development – I   18 hours
Classical theory – Karl Marx's theory – Schumpeter's theory – Keynes' views on development – Rostow's growth theory.

UNIT: II Theories of Development – II   18 hours
Big push theory – Leibenstein's Theory of Critical Minimum Effort, Nelson's theory -Balanced and Unbalanced growth theories

UNIT: III Theories of Development – III   18 hours
Nurkse theory - Utilization of surplus man power theories: Lewis theory- Fei-Ranis theory– Harris- Todaro model.

UNIT: IV Models of Economic Growth – I   18 hours
Harrod-Domar Model, Joan Robinson Model, Meade Model, Solow Model.

UNIT: V Models of Economic Growth – II   18 hours
Kaldor Model of distribution, Romer's endogenous growth model, Jorgenson model – Passinetti Model#

 # Self study

Text Books
1. Unit: I Economics of Development and Planning - M.L. Jhingan - Chapter 10, 11, 12, 13,14
2. Unit: II Economics of Development and Planning - M.L. Jhingan - Chapter 18, 19, 20, 21, 22
3. Unit: III Economics of Development and Planning - M.L. Jhingan – Chapter 15, 16, 17, 17B
4. Unit: IV Economics of Development and Planning - M.L. Jhingan – Chapter 25, 29, 30,
5. Unit: V Economics of Development and Planning - M.L. Jhingan Chapter – 31, 33C, 33A, 27

Books for References
1. Economics of Development and Planning- Taneja and Myer
2. Economics of Development and Planning-R.K. Lekhi

Web reference
1. www.yourarticlelibrary.com
2. ww.economicsdiscussion.com

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

Semester	Code	Title of the Paper		Hours		Credits
III	20PEC3CC11	Economics of Growth and Development		6		4

Course Outcomes (COs)	Programme Outcomes (Pos)					Programme Specific Outcomes (PSOs)				
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	✓	✓	✓	✓		✓	✓		✓	✓
CO 2			✓		✓	✓	✓	✓	✓	✓
CO 3	✓	✓	✓		✓	✓	✓		✓	
CO 4		✓	✓	✓		✓	✓		✓	✓
CO 5		✓	✓			✓	✓		✓	✓
Number of Matches = 35, Relationship: High										

Prepared by: Dr. J. MOHAMED ZEYAVUDHEEN

Checked by:**Dr.A.J. HAJAMOHIDEEN**

Note:

Mapping	1-29%	30-59%	60-69%	70-89%	90-100%
Matches	1-14	15-29	30-34	35-44	45-50
Relationship	Very poor	Poor	Moderate	High	Very high

Semester	Course Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
III	20PEC3CC12	Core - XII	Computer Applications in Economics	3	2	50	10	40

Course Outcomes:

At the end of the Course, Students will be able to:

1. Students will be able toacquire the knowledge on concepts of Word, Access and Power point.
2. Students will be able toanalyse data using Excel.
3. Students will be able torecognize the familiar concepts of SPSS.
4. Students will be able tohandle the statistical tools using SPSS.
5. Students will be able todemonstrate the use of SPSS in macro-economic variables.

UNIT - I MS Office: Word, Power Point and Access   9 hours

Components of MS Office - MS Word - Features –Home, Insert, Page layout, References, Mailings, Review and View menus - MS Power Point: Features – Formatting Chart, Font, Slide Design – Animation scheme – slide show- MS Access: Creating, opening and working with data – tables – forms – query - report.

UNIT - II MS Office: Excel   9 hours

Features-Spreadsheets- meaning and purpose – Tool bars - Formula Bar-purpose - Inserting Cells. Rows, Columns and Worksheets - Sorting, Filtering – Charts – Pivot table – Vlookup, Hlookup - Data Analysis: Estimation of Descriptive Statistics, Index Numbers and Growth Rates, Demand function, Supply function.

UNIT - III SPSS in Statistical Applications   9 hours

General Features and Uses of SPSS - Data Base Creation: Variable and Data View- Defining variable – Descriptive Statistics – Cross tabs – Graph - ANOVA – t-test - Chi-square test - Scatter plot, Correlation, Partial Correlation – Simple and Multiple linear Regression.

UNIT - IV Computer Application in Economics – I   9 hours

Demand Estimation and Elasticity: Calculate Price and Income Elasticity of Demand - Estimation of Cobb Douglas and CES production function, Curve fitting: Quadratic Curve, Pareto curve power model, Philips curve inverse model and Engel curve and income elasticity.

UNIT - IV Computer Application in Economics – II   9 hours

Time series, Forecasting and growth rates – Cost and Revenue functions – Break-Even Analysis- Profit Maximisation – Discriminant Function.

Text Books:

1. S.V. SrinivasaVallabhan: Computer Applications in Business
2. K.Dhanasekaran : Computer Applications in Economics

      Unit – I: Text book -1 Lesson: 2, 3, 6
      Unit – II: Text book - 1 Lesson: 4
      Unit – III: Text book - 2Chapter: 2, 3, 4, 5, 6
      Unit – IV: Text book - 2 Chapter: 8, 9
      Unit – V: Text book - 2 Chapter: 10,12,13,14,15

Books for Reference:
1. Tom Peterso: MS Office for Learners
2. Leon and Leon: MS Office XP
3. Sarah E. Boslaugh: An Intermediate Guide to SPSS programming

www.microsoft.com/tutorial
www.spss.com/tutorial

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

Semester	Code	Title of the Paper	Hours	Credits
III	**20PEC3CC12T**	**Computer Applications in Economics – Theory**	3	2

Course Outcomes (COs)	Programme Outcomes (Pos)					Programme Specific Outcomes (PSOs)				
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1		✓		✓	✓		✓	✓	✓	
CO 2		✓	✓	✓	✓		✓	✓	✓	
CO 3			✓	✓	✓		✓	✓	✓	✓
CO 4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CO 5	✓	✓	✓		✓	✓	✓	✓	✓	✓
Number of Matches = 39, Relationship: High										

Prepared by: Dr. B.MOHAMEDRAFEEQ   Checked by:Dr.A.J. HAJAMOHIDEEN

Note:

Mapping	1-29%	30-59%	60-69%	70-89%	90-100%
Matches	1-14	15-29	30-34	35-44	45-50
Relationship	Very poor	Poor	Moderate	High	Very high

Semester	Course Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks

III	20PEC3CC12P	Core - XII	Computer Applications in Economics – Practical	3	2	50	10	40

Course Outcomes:

At the end of the Course, Students will be able to:

1. Students will be able toacquire the skill of using Word, Access and Power point.
2. Students will be able toget the skill in data processing and calculating using Excel.
3. Students will be able torecognize the familiar concepts of SPSS.
4. Students will be able tohandle the statistical tools using SPSS.
5. Students will be able todemonstrate the use of SPSS in macro-economic variables.

UNIT - I MS Office: Word & Power Point   9 hours

1. Preparation of bio-data.
2. Formatting Documents for newspaper (model).
3. Creation of Invitation card.
4. Mail Merge.
5. Creation of mathematical formula using Formula Editor.
6. Creation of Statistical formula using Formula Editor.
7. Creation of table and chart using MS word.
8. # Preparation of the Power Point Slides with the subject matter of Economics#
9. Create thestudents' database using MS Access.

UNIT - II MS Excel   9 hours

1. Preparation of the Mark Statement.
2. Preparation of the Pay Bill and Invoice Bill
6. Insertion of the Line diagram, bar diagram and Pie Chart.
7. Calculation of Average, median, mode and standard deviation.
8. Estimation of Descriptive Statistics,
9. Estimation of Index Numbers and Growth Rates
10. Estimation of Demand function and Supply function
11. Calculation of Macro Economic Aggregates using MS Excel.

UNIT–III SPSS in Statistical Applications   9 hours

1. Calculation of Descriptive Statistics
2. Draw the Graph.
3. Calculation of ANOVA.
4. Calculation of t-test.
5. Calculation of Chi-square test
6. Calculation of Correlation
7. Calculation of Partial Correlation
8. Calculation of Simple Linear Regression.
9. Calculation of Multiple Linear Regression.

UNIT- IV Computer Application in Economics – I   9 hours

1. Calculation of Price Elasticity of Demand.
2. Calculation of Income Elasticity of Demand.
3. Estimation of Cobb Douglas Short run production function.
4. Estimation of Cobb Douglas Long run production function.
5. Estimation of CES production function.
1. 6.Quadratic Curve Estimation.
6. Pareto curve power model estimation.
7. Phillips curve inverse model estimation.
8. Engel curve and income elasticity.

UNIT - V Computer Application in Economics – II   9 hours
1. Estimation of Linear Trend.
2. Estimation of Compound Growth rate.
3. Logistic Curve Estimation.
4. Quadratic Cost Curve Estimation.
5. Cubic Cost Curve Estimation.
6. Determination of the Break-Even Point.
7. Break-Even Quantity using Linear and Non-Linear Relationship.
8. Break-Even Quantity using Non-Linear Relationship.
9. Profit Maximization using Linear and Non-Linear Relationship.
10. Profit Maximization using Non-Linear Relationship.

Text Books:
1. S.V. SrinivasaVallabhan: Computer Applications in Business
2. K.Dhanasekaran : Computer Applications in Economics

Unit – I: Text book -1 Lesson: 2, 3, 6
Unit – II: Text book - 1 Lesson: 4
Unit – III: Text book - 2Chapter: 2, 3, 4, 5, 6
Unit – IV: Text book - 2 Chapter: 8, 9
Unit – V: Text book - 2 Chapter: 10,12,13,14,15

Books for Reference:
1. Tom Peterson: MS Office for Learners
2. Leon and Leon: MS Office XP
3. Sarah E. Boslaugh: An Intermediate Guide to SPSS programming

www.microsoft.com/tutorial
www.spss.com/tutorial

Relationship Matrix for Course Outcomes, Programme Outcomes and Programme Specific

Outcomes:

Semester	Code	Title of the Paper	Hours	Credits
III	20PEC3CC12P	Computer Applications in Economics – Practical	3	2

Course Outcomes (COs)	Programme Outcomes (Pos)					Programme Specific Outcomes (PSOs)				
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1		✓		✓	✓			✓	✓	
CO 2		✓	✓	✓	✓		✓	✓	✓	
CO 3			✓	✓	✓		✓	✓	✓	✓
CO 4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CO 5	✓	✓	✓		✓	✓	✓	✓	✓	✓
Number of Matches = 38, Relationship: High										

Prepared by: Dr. B.MOHAMEDRAFEEQ   Checked by:Dr.A.J. HAJAMOHIDEEN

Note:

Mapping	1-29%	30-59%	60-69%	70-89%	90-100%
Matches	1-14	15-29	30-34	35-44	45-50
Relationship	Very poor	Poor	Moderate	High	Very high

Semester	Course Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
III	20PEC3DE3A	DSE-III	Financial Economics	6	4	100	25	75

Course Outcome:

At the end of the Course, Students will be able to:
1. Students will be able tounderstand basics of Financial Markets.
2. Students will be able toidentify the Choice under Uncertainty.
3. Students will be able tounderstand the Portfolio theories.
4. Students will be able toknow the basics of Asset Pricing.
5. Students will be able togain the knowledge about Efficient Market Hypothesis,

UNIT – I **18 hours**

Capital Markets, Consumption and investment with and without capital markets, market places and transaction cost and the breakdown of separation; Fisher Separation theorem; the agency problem; maximization of shareholder's wealth, capital budgeting techniques.

UNIT – II **18 hours**

Axioms of choice under uncertainty; utility functions; expected utility theorem; certainty equivalence, measures of risk-absolute and relative risk aversions; Stochastic dominance-first order, second order and third order, measures of investment risk-variance of return, semi-variance of return, shortfall probabilities.

UNIT – III **18 hours**

Measuring portfolio return and risk, effect of diversification, minimum variance portfolio, perfectly correlated assets, minimum variance opportunity set, static portfolio choice; mean-variance frontier of risk-free asset.

UNIT – IV **18 hours**

Capital asset pricing model; empirical methods to asset pricing; Factor models and cross sections of stock returns; arbitrage pricing theory and models.

UNIT – V **18 hours**

Defining capital market efficiency, relationship between the value of information and efficient capital markets, rational expectations and market efficiency, market efficiency with costly information, #efficient capital market theory and empirical model#.

 # Self Study Portion

Text Books:
1. Brealey, R. and S. Myers, Principals of Corporate Finance, Fifth Edition, New york, Mcgrawhill, 1997.
2. Copeland, T..E and J. F. Weston, Financial theory and Corporate policy, Addison Wesley1992.
3. Elton, E. J and M.J Gruber, modern Portfolio theory & investment Analysis, (Fourth Edition) john Wiley & Sons 1991.
4. Houthakker, H.S and P.J. Williamson, Economics of Financial Markets, Oxford university Press, 1996.
5. Elton, Edwin, and Martin Gruber. Modern Portfolio Theory and Investment Analysis, 399-448. 1991.

Page Numbers:

        Unit I: Book No.2. - Chapter I: Pages 3,4,9,13.
                              Chapter II: Pages 17,18,20,25.

        Unit II: Book No.2.   Chapter IV: Pages 79,80,92.
        Unit III: Book No.3. Chapter VI: Pages 153,154.

        Unit IV: Book No.4. Chapter 6.4: Page 162.
                              Chapter 6.3: Page 150.
        Unit V: Book No.5.   Chapter VII Pages 410 – 440.

Web reference

1. www.yourarticlelibrary.com
2. ww.economicsdiscussion.com

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

Semester	Code		Title of the Paper			Hours			Credits	
III	**20PEC3DE3**		**Financial Economics**			**6**			**4**	
Course Outcomes (COs)	Programme Outcomes (Pos)					Programme Specific Outcomes (PSOs)				
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	✓	✓	✓	✓		✓	✓	✓	✓	
CO 2	✓	✓		✓	✓	✓	✓	✓	✓	✓
CO 3	✓	✓	✓	✓		✓	✓	✓	✓	✓
CO 4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CO 5	✓	✓		✓		✓	✓	✓	✓	✓
Number of Matches =44 , Relationship: High										

Prepared by: Dr. M.A. RAJA MOHAMED
Checked by:Dr.A.J. HAJAMOHIDEEN

Note:

Mapping	1-29%	30-59%	60-69%	70-89%	90-100%
Matches	1-14	15-29	30-34	35-44	45-50
Relationship	Very poor	Poor	Moderate	High	Very high

Semester	Course Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
III	20PEC3DE3B	DSE-III	Entrepreneurial Development	6	4	100	25	75

Course Outcomes

At the end of the Course, Students will be able to:
1. Students will be able toacquire knowledge about the concept an functions of Entrepreneurs
2. Students will be able todiscuss Entrepreneurial Development Programme
3. Students will be able toclassify the project formulation and project report
4. Students will be able toanalyse the institutional finance and Entrepreneur
5. Students will be able toformulate the financial analysis

UNIT – I Basic Concepts and Functions of Entrepreneur   18 hours

Entrepreneur: concept, Meaning, functions and classifications– Characteristics of entrepreneur –Nature and importance of entrepreneur – types of Entrepreneur – Entrepreneur traits – Entrepreneur Mobility – factors affecting Entrepreneurial growth: Economic and Non-economic factors -Entrepreneurial systems – Women entrepreneurs.

UNIT – II Entrepreneurship and EDPS   18 hours

Institutions for entrepreneurship development –Entrepreneurial Development Programmes (EDPs): Need– Objectives – phases and Evaluation– Motivation – Motivating factors- Achievement Motivation- Entrepreneurial mobility - Entrepreneurial Training: objectives, Importance and Methods.

UNIT – III Project   18 hours

Project: Meaning, Identification, Selection, Classification, project formulation - Project Report: Significance – Project Design –Project Appraisal.

UNIT – IV Institutional Finance and Entrepreneur   18 hours

Institutions and entrepreneurial Development: consultancy organizations, financial institutions –Development financial institutions- IDBI – ICICI – IFCI – IRBI – SFC – SIDCO – SIDBI – SIPCOT –DIC – TIIC.

UNIT – V Financial Analysis   18 hours

Financial Analysis**:** Meaning – Ratio Analysis-Investment Process; Break Even Analysis – Profitability Analysis Social Cost- Benefit Analysis – # Budget and Planning Process

Self Study

Text Books:
1. Entrepreneurial Development: S. S. Khanka.
Unit-I Pages 1 to 7, 18 to 32, 55 to 60
Unit-II pages 40 to 47, 61 to 67
Unit-III Pages 83 to 107
Unit-IV Pages 143 to 151, 160 to 170
2. Entrepreneurship Development: Dr. C. B. Gupta & Dr. N. P. Srinivasan.
Unit-V Pages 5.3 to 5.45

Web reference
1. www.yourarticlelibrary.com
2. ww.economicsdiscussion.com

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

Semester	Code	Title of the Paper	Hours			Credits	
III	**20PEC3DE3**	**Entrepreneurial Development**	6			4	
Course Outcomes (COs)	Programme Outcomes (Pos)					Programme Specific Outcomes (PSOs)	
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	✓	✓	✓	✓		✓	✓	✓	✓	
CO 2	✓	✓	✓	✓	✓	✓		✓	✓	✓
CO 3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CO 4		✓	✓		✓	✓	✓	✓	✓	
CO 5	✓	✓		✓		✓	✓	✓	✓	✓
Number of Matches =42 , Relationship: High										

Prepared by: Dr. J. KHADER SHARIEFChecked by:Dr.A.J. HAJAMOHIDEEN

Note:

Mapping	1-29%	30-59%	60-69%	70-89%	90-100%
Matches	1-14	15-29	30-34	35-44	45-50
Relationship	Very poor	Poor	Moderate	High	Very high

Semester	Course Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
IV	20PEC4CC13	Core XIII	Indian Economic Development	6	5	100	25	75

Course Outcomes

At the end of the Course, Students will be able to:
1. Students will be able todescribe the issues of economic development
2. Students will be able tocommunicate Economic Reforms in India
3. Students will be able tocontact the agricultural sector in India
4. Students will be able toappraise the industrial and services sector in India
5. Students will be able tomodify the foreign trade in India.

UNIT – I: Issues of Economic Development   18 hours

Economic Growth and Economic Development – Determinants – Obstacles to Economic Development – Need – Structural Changes – Regional Economic Development – Indicators –Causes of Regional Imbalances – Policy Measures for Removing Regional Imbalances.

UNIT – II: Economic Reforms in India   18 hours

Economic Reforms in India – Features of New Economic Reforms –Achievements –Arguments in favour of and against New Economic Policy – Common Minimum Programmes –Second Generation of Economic Reforms in India – Major Economic Reform Measures – Slow Process of Economic Reforms in India.

UNIT – III: Agricultural Sector   18 hours

Mechanization of Agriculture –Farm mechanization: progress and benefits – Agricultural Marketing and Warehousing – Agricultural Price Policy – Issues in Food Security – Food security Act - Polices for Sustainable Agriculture – New Agricultural Strategy – Second Green Revolution.

UNIT – IV: Industrial and Service Sector   18 hours

Industrial development: importance and Role – Development of large-Scale Industries –Cement – Sugar – Cotton –Automobile – Information technology – MSMEs – Role and Importance – Problems – Public Sector Enterprises – Private Sector – Disinvestment -Importance of Services sector – Transport – Banking – Communication.

UNIT – V: Foreign Trade in India   18 hours

Foreign trade: importance, composition and Direction – Foreign Trade Policy of India –Special Economic Zone – Agri–Export Zone – WTO – Foreign capital: Forms and Need –Foreign Direct Investment in India - # Foreign Exchange Reserves.

 # Self Study

Text Books:
INDIAN ECONOMY – P. K .DHAR

1. Unit-I Pages 18 to 29, 85 to 95
2. Unit-II Pages 1167 to 1228
3. Unit-III Pages 282 to 289, 296 to 301, 359 to 371,
4. Unit-IV Pages 411 to 597,
5. Unit-V Pages 920 to 1062

Books for Reference:

1. INDIAN ECONOMY – MISRA&PURI
2. INDIAN ECONOMY - DEEPASHREE

Web reference
1. www.yourarticlelibrary.com
2. ww.economicsdiscussion.com
3. indianeconomy.net

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

Semester	Code	Title of the Paper	Hours		Credits
IV	20PEC4CC13	Indian Economic Development	6		5
Course Outcomes (COs)	Programme Outcomes (Pos)					Programme Specific Outcomes (PSOs)				
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	✓	✓	✓	✓		✓	✓	✓	✓	
CO 2	✓	✓	✓	✓	✓			✓	✓	✓
CO 3	✓	✓	✓		✓	✓	✓	✓	✓	✓
CO 4		✓	✓		✓	✓	✓	✓	✓	
CO 5	✓	✓		✓		✓	✓	✓	✓	✓
Number of Matches = 39, Relationship: High										

Prepared by: Dr. J. KHADER SHARIEF Checked by:**Dr.A.J. HAJAMOHIDEEN**

Note:

Mapping	1-29%	30-59%	60-69%	70-89%	90-100%
Matches	1-14	15-29	30-34	35-44	45-50
Relationship	Very poor	Poor	Moderate	High	Very high

Semester	Course Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
IV	20PEC4CC14	Core XIV	Public Finance	6	5	100	25	75

Course Outcomes:

At the end of the Course, Students will be able to:

1. Students will be able to explore the acquire knowledge on scope, functions and various aspects of Public Finance
2. Students wille be able to understandthe Theories of Public Expenditure
3. Students will be able to understanding the Theories of Taxation.
4. Students are capable to examine Fiscal Policy and Public Debt.
5. Students to apply the knowledge for Indian Fiscal Federal Scenario.

UNIT- I Role of State   18 hours

Role of State Government - Allocation, Growth and stabilization – Market failure – Imperfections Externalities and Public Goods and Private goods - Problems of allocation of Resources - Voting systems under Arrows Impossibility Theorem

UNIT- II Public Expenditure   18 hours

Theories of Public Expenditure - Wagner's Law of Increasing State Activities – Wiseman–Peacock Hypothesis – Criteria for Public Investment – Cost-benefit analysis - Effects of Public Expenditure on Savings, Investment and Growth - Reforms in Expenditure Budgeting –Zero Base Budgeting

UNIT- III Theories of Taxation   18 hours

Benefit Approach – Lindhal Method – Ability to Pay Approach – Theory of Optimal Taxation – Incidence of Taxation and Effects – Taxable Capacity - absolute and relative Taxable Capacity factors determining Taxable Capacity –limit of Taxable Capacity –measurement of Taxable Capacity

UNIT- IV Fiscal Policy and Public Debt   18 hours

Fiscal policy – Objectives: Full Employment, Economic Growth, Redistribution – Natural and Compensatory Fiscal Policy – Functional Finance – Public Debt – Sources, Effects, Burden and Management – Deficit Financing – Budgetary Terms: Revenue account, Capital Account, Fiscal Deficit, Revenue Deficit, Primary Deficit –Plan and Non-Plan expenditure

UNIT- V Federal Finance   18 Hour

Fiscal Federalism – Problems – Centre–State Financial Relations – Horizontal and Vertical imbalances – Union Finance – Trends in Revenue and Expenditure of Government of India – Latest Finance Commission and its Recommendations

 # Self Study

Text Books:
1. Singh.S.K.: Public Finance Theory and practice
2. B.P. Tyagi: Public Economics
   Unit - I: Text Book 1 Chapter: 1, 2, 3 Text Book 2 Chapter: 1
   Unit - II: Text Book 1 Chapter:7, 6, 31
   Unit - III: Text Book 1 Chapter:9, 13, 15
   Unit - IV: Text Book 1 Chapter: 27, 23,24
   Unit - V: Text Book 1 Chapter: 33, 34, 35

Books for Reference:
1. Richard Musgrave: Public Economics
2. M.C.Vaish& Aggarwal: Public Economics
3. Dalton: Public Finance.
4. Loganathan. V: Public Finance
5. Sundaram.K.PM.: Fiscal Economics

Web reference
1. www.yourarticlelibrary.com
2. ww.economicsdiscussion.com

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

Semester	Code		Title of the Paper		Hours			Credits	
IV	20PEC4CC14		Public Finance		6			5	
Course Outcomes (COs)	Programme Outcomes (Pos)				Programme Specific Outcomes (PSOs)				
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	✓	✓	✓	✓		✓	✓	✓	✓	✓
CO 2	✓	✓	✓		✓	✓	✓	✓	✓	✓
CO 3	✓	✓	✓	✓	✓	✓	✓	✓		✓
CO 4	✓	✓	✓		✓	✓	✓		✓	✓
CO 5	✓	✓	✓	✓		✓	✓	✓	✓	✓
Number of Matches =44 , Relationship: Very High										

Prepared by: Dr. M.R. AJMAL KHANChecked by:Dr.A.J. HAJAMOHIDEEN

Note:

Mapping	1-29%	30-59%	60-69%	70-89%	90-100%
Matches	1-14	15-29	30-34	35-44	45-50
Relationship	Very poor	Poor	Moderate	High	Very high

Semester	Course Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
IV	20PEC4CC15	Core XV	Comparative Economic Systems	6	5	100	25	75

Course Outcomes

At the end of the Course, Students will be able to:

1. Students are able to explore the features and organizational structures of different economic systems and their impact on achieving the economic goals.
2. Students will be able to observe the development of the structure and institutions of capitalist economies.
3. Students will acquire knowledge on the evolution of and transition in socialism.
4. Students will be able to articulate the performance and problems of mixed economies.
5. Students are capable to examine the relevance of alternative economic systems in solving the contemporary economic problems.

UNIT: I Comparative Economic Systems   18 hours

Economic System: Meaning, Definitions, Features and Basic Functions – Classification of Economic Systems: Primary and Secondary, Pure and Mixed, Twofold classification and Marxian concept – Bases for Comparison of Economic Systems – Importance of the study of Comparative Economic Systems – Problems of Studying Comparative Economic Systems.

UNIT: II Capitalism   18 hours

Capitalism: Meaning, definitions and Institutions of Capitalism - Development and Stages of Capitalism: Merchant Capitalism, Industrial Capitalism, Finance Capitalism, Guided Capitalism – Achievements and Failures of Laissez faire Capitalism – The problem of Unemployment under Capitalism: Emergence of Unemployment, Remedies of Unemployment - The problem of Monopoly under Capitalism: – Price mechanism under Capitalism – Consumer sovereignty under capitalism - Transformation of Capitalism. #Future of Capitalism#

UNIT: III Socialism   18 hours

Socialism: Meaning, definitions, Essential characteristics and Incentives – Evolution of Socialism: Utopian and Scientific Socialism, Anarchistic Socialism, Fabian Socialism, Syndicalism, Guild Socialism, Christian Socialism, Authoritarian Socialism (Communism), Democratic Socialism – Similarities and Differences between Socialism and communism - The problem of Allocation of Resources under Socialism - The problem of Incentives under Socialism – Socialism in Advantages and Shortcomings of Socialism– Reforms in Socialism: Market Socialism. #Socialism in the U.S.S.R#

UNIT: IV Mixed Economy   **18 hours**

Mixed Economy: Meaning and definitions of Mixed Economy – Historical Background of Mixed Economic system – Features of Mixed Economy – Meaning of Public Sector and Private Sector – Factors responsible for the expansion of Public sector – Meaning of Privatisation – Privatisation of Public Enterprises - Merits and Demerits of Mixed Economy – Conditions necessary for the success of Mixed Economy – Mixed Economy in India: Evolution, working and future of Mixed Economy. #An appraisal on Mixed economies in operation#

UNIT: V Alternative Economic Systems   **18 hours**

Convergence of capitalism and socialism- emerging new economic system. - Gandhian ideas on economic system - fundamental principles: progress of all (Sarvodaya), raising standard of life (containment of wants), work is worship (bread labour), self-sufficient villages (grassroots development), production by masses (decentralization) – principles and appraisal of Gandhian trusteeship economy – trusteeship as an alternative to capitalism and communism. Islamic Economic System: Definition of Islamic Economics – Islamic worldview on Economic System - Basic Features of Islamic Economic System: Human Nature, Materialism, Ownership, Universalism – Islamic Approaches to Contemporary Economic Problems - #Differences between Islamic Economic System and Conventional Economic Systems.#

 # Self Study

Text Books
1. Dr. K.K. Sen: Comparative Economic System
Unit I – Page numbers: 1-24,
Unit II – Page Numbers: 24-54, 72-87, 115- 117, 139-144, 145-156
Unit – III – Page Numbers: 3.1-3.27, 3.29-3.33, 3.80-3.106
Unit IV – Page Numbers: 4.1-4.19, 4.20-4.40, 4.48-4.51
Unit V – Page Numbers: 3.171-3.184)
2. S.S.M. Desai & Others: Economic Systems
Unit II – Page Numbers: 45,46
Unit III – Page numbers: 2.29-2.32,
Unit V – Page Numbers: 318-328)
3. Muhammad Akram Khan: An introduction to Islamic Economics
(Unit V - Page Numbers: 3-6, 25-104)

Reference:
   1. George N. Halin: Economic systems
   2. Tyagi, B.P: Economic Systems.

Web reference
            1. www.yourarticlelibrary.com
            2. ww.economicsdiscussion.com

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

Semester	Code	Title of the Paper		Hours		Credits			
IV	20PEC4CC15	Comparative Economic Systems		6		5			
Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1		✓	✓	✓		✓	✓	✓		
CO 2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CO 3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CO 4	✓	✓	✓	✓		✓	✓	✓	✓	✓
CO 5	✓	✓	✓	✓		✓	✓	✓	✓	✓
Number of Matches = 44, Relationship: High										

Prepared by: Dr. A. KHAN MOHAMEDChecked by:Dr.A.J. HAJAMOHIDEEN

Note:

Mapping	1-29%	30-59%	60-69%	70-89%	90-100%
Matches	1-14	15-29	30-34	35-44	45-50
Relationship	Very poor	Poor	Moderate	High	Very high

Semester	Course Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
IV	20PEC3DE4A	DSE IV	Econometrics	6	4	100	25	75

Course Outcomes

At the end of the Course, Students will be able to:

1. Students will be able toformulate and estimate SLRM and test for confirmation of stochastic assumptions
2. Students will be able totest the fitness of the data and statistical significance of the model relation with one independent variable
3. Students will be able toformulate and estimate MLRM and test for confirmation of stochastic and non-stochastic assumptions
4. Students will be able totest the fitness of the data and statistical significance of the model relation with two independent variables
5. Students will be able totest the stationarity property of time series variables and estimate model using time series data
6. Students will be able touse the skills relating on methods learned to formulate and estimate models involving cross section and time series data values

UNIT I 18 hours

Stages in methodology of econometric methods. Scatter plot (to ascertain relationship between X and Y). Simple Linear Regression Model – Meaning – specification of population and sample regression function – systematic and random components – estimation of regression coefficients using sample observations and intermediate values. Prediction of Y – estimating error values. Assumptions regarding error values – Homoscedasticity and No-autocorrelation. Heteroscedasticity and autocorrelation - detection (by crude methods), causes, consequences and remedial measures.

UNIT II 18 hours

BLUE Properties. Goodness of fit measures – Co-efficient of determination (r^2) – estimation using observed and intermediate values. Estimating sum of squares of errors. Computing standard error of individual regression coefficients. Testing of hypothesis regarding individual coefficients - t test - Testing of hypothesis regarding overall relationship between X and Y - F test.

UNIT III 18 hours

Multiple Linear Regression Model - Meaning – specification of population and sample regression function – systematic and random components – estimation of regression coefficients using sample observations and intermediate values. Co-efficient of multiple determination (R^2), adjusted R^2 and its properties. Assumption regarding the behaviour of the observations of explanatory variables – No-multicollinearity. Multicollinearity – detection (by crude methods), causes, consequences and remedial measures.

UNIT IV   18 hours

Estimating sum of squares of errors-Computing standard error of individual regression coefficients. Testing of hypothesis regarding individual coefficients - t test (using intermediate values) - Testing of hypothesis regarding overall relationship between X1, X2 and Y - F test (using intermediate values).

UNIT V   18 hours

Timeseries Econometrics-Stationarity-Non-stationarity-stationarity testing using mean, standard deviation and auto-regressive methods.

References:

1. K.Dhanasekaran, (2008), Econometrics, Vrindha Publications Ltd
2. DamodarGujarathi, (2004), Basic Econometrics, Tata McGraw Hill
   Unit I - K.Dhanasekaran – 17-31,62-63, 32-53
   Unit II 81-87, 94-107
   Unit III 157-258
   Unit IV 157-258,
   Unit V 444-537

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

Semester	Code		Title of the Paper			Hours			Credits	
IV	**20PEC3DE4**		**Econometrics**			6			5	
Course Outcomes (COs)	Programme Outcomes (Pos)					Programme Specific Outcomes (PSOs)				
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1			✓	✓		✓	✓	✓	✓	✓
CO 2	✓		✓	✓	✓	✓	✓	✓	✓	✓
CO 3	✓				✓	✓	✓	✓	✓	✓
CO 4						✓	✓	✓	✓	
CO 5			✓	✓	✓		✓	✓	✓	✓
Number of Matches =34 , Relationship: Moderate										

Prepared by: Dr. A. HIDHAYATHULLAChecked by:Dr.A.J. HAJAMOHIDEEN

Note:

Mapping	1-29%	30-59%	60-69%	70-89%	90-100%
Matches	1-14	15-29	30-34	35-44	45-50
Relationship	Very poor	Poor	Moderate	High	Very high

Semester	Course Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
IV	20PEC3DE4B	DSE IV	Theory and Practices of Interest Free Banking and Finance	6	4	100	25	75

Course Outcomes:

At the end of the Course, Students will be able to:

1. Students acquire the knowledge on the concepts of Interest free banking.
2. Students will be able toconstruct the skill in Islamic financial system.
3. Students will be able torecognize the familiar concepts of financial contracts and mode of financing.
4. Students will be able tohandle the operation of Islamic Banking.
5. Students will be able todemonstrate the use of Islamic capital market and Insurance.

UNIT: I Evolution of Interest Free Banking   18 Hours

Concept and Evolution of Conventional Banking and Interest free Banking – Differences and Similarities between Interest free Banking and Conventional Banking - Characteristics of Interest free Banking - Interest Free Banks in western world - Feasibility, Prospects and Challenges of Interest Free Banking in India - Criticism of Interest free banking.

UNIT: II Principles and Techniques of Interest Free Banking   18 Hours

Islamic financial system: an overview; Shariah &Fiqh: Sources and Development - Important concepts and principles of Fiqh – #Meaning of Zakah #- Meaning and types of interest (Riba): Prohibition of Riba (in Islam and Christianity).

UNIT: III Islamic Financial Contracts and Mode of Financing   18 Hours

Conditions of contract, Elements of contract, Types of contracts – Mode of Islamic Financing: Mudaraba, Musharakah, Murabaha, Ijara, Salam, Istisnaa.

UNIT: IV Islamic Banking Operations   18 Hours

Structure of an Islamic Bank - Funds Mobilization and utilization - Financial Instruments: Current Account, Saving Account, Investment Account, Equity financing - Debt Financing -Trading Financing - Commodity ventures - Letter of credit - Letter of Guarantee - # Mortgage Financing # - Procedure and Assessment of Profit/Loss Sharing.

UNIT V: Islamic Capital Market and Islamic Insurance   18 Hours

Islamic capital market: Types of market & kinds of products, Islamic appraisal of capital market Stock market: Shariah screening methods, Islamic securities (Sukuk) - Islamic appraisal of conventional insurance (Takaful) - Structure and models of Islamic insurance - Types of insurance products.

 # Self Study Portion

Text Books:

1. Modelling Interest-Free Economy, M.Anwar , Genuine Publications & Media Pvt. Ltd,New Delhi.
2. A Model of pure Interest-Free Banking, Mohamad Saeed Shingeri, Qazi Publishers &Distributors, New Delhi.
3. Islamic Finance, Suhail Zubairy, MarkaziMaktaba /islami Publishers, New Delhi.
4. Towards Interest-free Banking, Shaikh Mahmud Ahmed, Adam Publishers &Distributors,New Delhi.

5. An Introduction to Islamic Banking and Finance, Abdel Fattah M. Farah.

Unit:I: Book 1 Chapter - I: Pages :1-6 Chapter: II PP:7-20, Book 3 lesson 14 PP: 153-168
Unit:II: Book 5 Ch: 3 PP :180-220
Unit:III: Books 3 Lesson 6 PP 63-104
Unit:IV: Book 2 Lesson 2 PP 18-86, Book 4 Chapter -II PP 53-59
Unit:V: Book 3 Lesson 7 PP: 105-118

Reference Books

1. Contemporary practices of Islamic financing Techniques - Ausaf Ahmad.
2. An introduction to Islamic banking & finance - Abdel Fattah M.Farah.
3. An introduction to Islamic finance - Mohamed taqiusmani.
4. Khan, S. Mohsin, 'Islamic Interest free Banking: A Theoretical Analysis'; International Monetary Fund Staff Papers, (Washington DC), Vol. 33, No.l, 1986.
5. Mills, Paul S. and John R. Presley, Islamic Finance: Theory and Practice, London, Macmillan, 1999.
6. Siddiqi, M.N., Riba, Bank Interest and the Rationate of its Prohibition, IRTI, IDB, 2004.
7. Usmani, M.Taqi, An Introduction To Islamic Finance, Karachi, IdaratulMa'arif, 1998.
8. Islamic Banking Practice from the Practitioner's Perspective – Bank Islam Malaysia Barhard,1994.

Web reference

1. www.yourarticlelibrary.com
2. ww.economicsdiscussion.com

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

Semester	Code	Title of the Paper		Hours		Credits
IV	20PEC3DE4	Theory and Practices of Interest Free Banking and Finance		6		5

Course Outcomes (COs)	Programme Outcomes (Pos)					Programme Specific Outcomes (PSOs)				
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	✓	✓	✓	✓	✓				✓	✓
CO 2	✓	✓	✓	✓	✓		✓			✓
CO 3	✓		✓	✓	✓		✓	✓	✓	✓
CO 4	✓	✓	✓	✓	✓	✓	✓	✓		✓
CO 5	✓	✓	✓		✓	✓	✓		✓	✓
Number of Matches =39, Relationship: High										

Prepared by: Dr. B. MOHAMED RAFEEQ

Checked by:Dr.A.J. HAJAMOHIDEEN

Note:

Mapping	1-29%	30-59%	60-69%	70-89%	90-100%
Matches	1-14	15-29	30-34	35-44	45-50
Relationship	Very poor	Poor	Moderate	High	Very high

Semester	Course Code	Course	Title of the Course	Hours	Credits	Max. marks	Internal marks	External marks
III	20PEC4EC2	Extra Credit Course – II	Economics for career Examinations	-	5	100	-	100

Course outcomes.
At the end of the Course, Students will be able to:
1. At the end of this course, this equip the students with the theoretical knowledge relating to demand analysis and factor pricing.
2. Students Arrive at an understanding of Keynesian and post Keynesian theories onDemand for money and business cycle theories.
3. Students will be able tounderstand the fiscal management of the economy.
4. Student will acquaint with the knowledge of international trade and theRecent trade reforms.
5. Students will be able tohave an insight into the models of growth and planning and Indian economic development issues.

Unit: I   Micro Economic analysis
Demand analysis – Marshall – Hicks – Revealed Preference Approaches-Production and cost concepts – Price and output determination in different market Structure – Factor Pricing – Baumol, Morris and Williamson models of objectives of firms--General Equilibrium – Welfare Economics.
Unit: II   Macro Economic analysis
Classical and Keynesian theory of employment- consumption theories – Demand for money – Fisher, Cambridge versions – Keynes, Friedman, Baumol and Tobin approaches – Determinants of supply of money- Phillips curve analysis – Business cycle theories- Samuelson, Kaldor and Hicks – Macro Economic Policies.
Unit: III   Public Finance
Budgetary concepts – Different approaches to Public revenue – Effects of Public Expenditure -Public debt management – centre- state financial relations – Fiscal Policy-Direct and Indirect tax reforms in India
Unit: IV   International Economics
Theories of international trade – Terms of trade – Bop disequilibrium – Tariff and Non-Tariff barriers –exchange rate systems and –WTO- Trade   policy reforms in India.
Unit: V   Development, Planning and Indian Economy
Concepts of development and growth – HDI and Quality of life indices – Harrod- Domar and Solow models – Plan models – LPG – NITI Aayog – Union Budget – Financial sector reforms – Poverty, unemployment and environmental issues –Recent Agricultural and industrial Policies.
TEXT BOOK
UPKAR'S GUIDE
UNIT I3-144
UNIT II   145-243
UNIT III   367-415
UNIT IV   416-460
UNIT V   461-548, 244-366

References:

1. Gopal Garg and Anupam Agrawal – Upkar'sUGC /NET/SET Economics – 6th edition – 2017
2. H.L. AHUJA: Macro Economics – theory and Policy – 18th edition.
3. H.L. AHUJA: Micro Economics
4. Sanjiv Verma: The Indian Economy – 5th edition 2018.

Web reference
1. www.yourarticlelibrary.com
2. ww.economicsdiscussion.com

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

Semester	Code	Title of the Paper		Hours		Credits
IV	20PEC4EC2	Theory and Practices of Interest Free Banking and Finance		6		5
Course Outcomes (COs)	Programme Outcomes (Pos)					Programme Specific Outcomes (PSOs)				
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1		✓	✓		✓	✓	✓		✓	✓
CO 2			✓		✓	✓	✓	✓	✓	
CO 3		✓	✓	✓	✓	✓	✓			✓
CO 4			✓		✓	✓	✓	✓		✓
CO 5	✓	✓	✓		✓	✓	✓	✓		✓
Number of Matches =34, Relationship: Moderate										

Prepared by: Dr. A.J. HAJAMOHIDEEN

Checked by:Dr. J. Mohamed Zeyavudheen

Note:

Mapping	1-29%	30-59%	60-69%	70-89%	90-100%
Matches	1-14	15-29	30-34	35-44	45-50
Relationship	Very poor	Poor	Moderate	High	Very high