FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with "A" Grade by NAAC (3rd Cycle)

74th Rank in India Ranking 2020 (NIRF) by MHRD

Maryland, Madurai- 625 018, Tamil Nadu, India

NAME OF THE DEPARTMENT: RESEARCH CENTRE OF ECONOMICS

NAME OF THE PROGRAMME: MA

PROGRAMME CODE : PAEC

ACADEMIC YEAR : 2022-2023

VISION OF THE DEPARTMENT

To inculcate economic concepts, theories, models and issues among the budding economists to convene the prospects of the industry and community.

MISSION OF THE DEPARTMENT

- To provide updated curriculum that promotes critical thinking skills and enhance the productive decision making abilities in students.
- To motivate the students to become entrepreneurs.
- To serve the humanity through the creation of all – rounded multi skilled and socially responsible citizens.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

PEO 1	Our graduates will be academic, digital and information literates; creative, inquisitive, innovative and desirous for the "more" in all aspects
PEO 2	They will be efficient individual and team performers, exhibiting progress, flexibility, transparency, accountability in their professional work
PEO 3	The graduates will be effective managers of all sorts of real - life and professional circumstances, making ethical decisions, pursuing excellence within the time framework and demonstrating apt leadership skills
PEO 4	They will engage locally and globally evincing social and environmental stewardship demonstrating civic responsibilities and employing right skills at the right moment.

GRADUATE ATTRIBUTES (GA)

Fatima College empowers her women graduates holistically. A Fatimite achieves all-round empowerment by acquiring Social, Professional and Ethical competencies. A graduate would sustain and nurture the following attributes:

I. SOCIAL COMPETENCE	
GA 1	Deep disciplinary expertise with a wide range of academic and digital literacy
GA 2	Hone creativity, passion for innovation and aspire excellence
GA 3	Enthusiasm towards emancipation and empowerment of humanity
GA 4	Potentials of being independent
GA 5	Intellectual competence and inquisitiveness with problem solving abilities befitting the field of research
GA 6	Effectiveness in different forms of communications to be employed in personal and professional environments through varied platforms
GA 7	Communicative competence with civic, professional and cyber dignity and decorum
GA 8	Integrity respecting the diversity and pluralism in societies, cultures and religions
GA 9	All – inclusive skill - sets to interpret, analyse and solve social and environmental issues in diverse environments
GA 10	Self-awareness that would enable them to recognise their uniqueness through continuous self-assessment in order to face and make changes building their strengths and improving on their weaknesses

GA 11	Finesse to co-operate exhibiting team-spirit while working in groups to achieve goals
GA 12	Dexterity in self-management to control their selves in attaining the kind of life that they dream for
GA 13	Resilience to rise up instantly from their intimidating setbacks
GA 14	Virtuosity to use their personal and intellectual autonomy in being life-long learners
GA 15	Digital learning and research attributes
GA 16	Cyber security competence reflecting compassion, care and concern towards the marginalised
GA 17	Rectitude to use digital technology reflecting civic and social responsibilities in local, national and global scenario
II. PROFESSIONAL COMPETENCE	
GA 18	Optimism, flexibility and diligence that would make them professionally competent
GA 19	Prowess to be successful entrepreneurs and employees of trans-national societies
GA 20	Excellence in Local and Global Job Markets
GA 21	Effectiveness in Time Management
GA 22	Efficiency in taking up Initiatives
GA 23	Eagerness to deliver excellent service
GA 24	Managerial Skills to Identify, Commend and tap Potentials
III. ETHICAL COMPETENCE	
GA 25	Integrity and discipline in bringing stability leading a systematic life promoting good human behaviour to build better society

GA 26	Honesty in words and deeds
GA 27	Transparency revealing one's own character as well as self-esteem to lead a genuine and authentic life
GA 28	Social and Environmental Stewardship
GA 29	Readiness to make ethical decisions consistently from the galore of conflicting choices paying heed to their conscience
GA 30	Right life skills at the right moment

PROGRAMME OUTCOMES (PO)

On completion of M.A ECONOMICS / programme, the graduates would be able to

PO 1	Gain in-depth knowledge to understand, analyse and apply it to develop subject competency
PO 2	Criticize historical, cultural, social, political, and economic, literary concepts and perspectives that shape the world
PO 3	Enhance creative, critical, media, entrepreneurial and social skills consequently becoming socially responsible citizen
PO 4	Acquire research skills and pursue the higher studies and research
PO 5	Foresee the historical, socio- cultural, economic and literary changes and challenges
PO6	Synthesize ideas from various disciplines and enhance problem solving, analytical skills and apply them for their professional roles.

PO7	Identify and assess societal challenges women's issues in specific, in the local, regional, national, global levels and explore solutions

PROGRAMME SPECIFIC OUTCOMES (PSO)

The Learners will be able to

PSO 1	Understand economic theories and functioning of economic system and motivate them to appear for subject based competitive exams
PSO 2	Prepare the students for career advancement that provide employment through competitive exams.
PSO 3	Prepare the students to develop creative thinking regarding current local, national and international policy issues
PSO 4	Enhance economic, social and technical skills
PSO 5	Facilitate entrepreneurs to find self employment & to provide employment opportunities

FATIMA COLLEGE (AUTONOMOUS), MADURAI-18

DEPARTMENT OF ECONOMICS

For those who joined in June 2019 onwards

I MA ECONOMICS – 70 CREDITS

PROGRAMME CODE:

S.No	SEM.	COURSECODE	COURSE TITLE	HRS	CREDITS	CIA Mks	ESE Mks	TOT. MKs
1.	I	19PG1E1	MICRO ECONOMIC ANALYSIS	6	4	40	60	100
2.		19PG1E2	STATISTICAL METHODS	6	4	40	60	100
3.		19PG1E3	INDIAN ECONOMY	6	4	40	60	100
4.		19PG1E4	MONEY AND BANKING	6	4	40	60	100
5.	II	19PG2E5	MACRO ECONOMIC ANALYSIS	6	4	40	60	100
6.		19PG2E6	MATHEMATICS FOR ECONOMISTS	6	4	40	60	100
7.		19PG2E7	FINANCIAL MARKETS	6	4	40	60	100
8.		19PG2E8	COMPUTER APPLICATION FOR ECONOMISTS	6	4	40	60	100
9.	III	19PG3E9	DEVELOPMENT ECONOMICS	6	4	40	60	100
10.		19PG3E10	ECONOMETRICS	6	4	40	60	100
11.		19PG3E11	RESEARCH METHODOLOGY	6	5	40	60	100
12.		**22PG3EA12**	INTERNATIONAL ECONOMICS	4+2	5	40	60	100
13.	IV	19PG4E13	INDIAN FISCAL SYSTEM	6	5	40	60	100
14.		19PG4E14	INTERNATIONAL ECONOMICS	6	5	40	60	100
15.		19PG4E15	BEHAVIORAL ECONOMICS	6	5	40	60	100
16.		19PG4E16	ENVIRONMENTAL ECONOMICS	6	5	40	60	100
			Total	**96**	**70**			

I MA ECONOMICSELECTIVE / EXTRA DEPARTMENTAL COURSE / INTERNSHIP/ PROJECT -20 CREDITS

S. No	SEM.	COURSECODE	COURSE TITLE	HRS	CREDITS	CIA Mks	ESE Mks	TOT. Mks
1.	I	19PG1EDC	BUSINESS SKILLS FOR WOMEN	3	3	40	60	100
2.	II	19PG2EDC	BUSINESS SKILLS FOR WOMEN	3	3	40	60	100
3.	III	19PG3EE1/ 19PG3EE2	AGRICULTURAL ECONOMICS/ GENDER ECONOMICS	4	4	40	60	100
4.		19PG3SIL1	Summer Internship	-	3	40	60	100
5.	IV	19PG4EE3/ 19PG4EE4	NATIONAL INCOME ACCOUNTING/ INDUSTRIAL ECONOMICS	4	4	40	60	100
6.		19PG4PR	Project	-	3	40	60	100
			TOTAL	**14**	**20**			

OFF-CLASS PROGRAMMES

ADD-ON COURSES

COURSE CODE	COURSES	HRS.	CREDITS	SEMESTER IN WHICH THE COURSE IS OFFERED	CIA MKS	ESE MKS	TOTAL MARKS
19PADSS	**SOFT SKILLS**	40	3	I	40	60	100
19PADCA	**WEB DESIGNING USING HTML AND DREAMWEAVER**	40	4	II	40	60	100
19PADCV	**COMPREHENSIVE VIVA** (Questions from NET syllabus by the respective	-	2	IV	-	-	100

COURSE CODE	COURSES	HRS.	CREDITS	SEMESTER IN WHICH THE COURSE IS OFFERED	CIA MKS	ESE MKS	TOTAL MARKS
	course teachers based on NET books)						
19PADRC	**READING CULTURE**	10	1	I-IV	-	-	-
	TOTAL		**10**				

EXTRA CREDIT COURSES

COURSE CODE	COURSES	HRS.	CREDITS	SEMESTER IN WHICH THE COURSE IS OFFERED	CIA MKS	ESE MKS	TOTAL MARKS
20PGE2SL2	**INDUSTRIAL ECONOMICS AND LABOUR LAWS**	-	2	I	40	60	100
20PGE4SL4	**NUMERICAL ABILITY FOR COMPETITIVE EXAMINATION**	-	2	II	40	60	100
	MOOC COURSES / International Certified online Courses (Department Specific Courses/any other courses) Students can opt other than the listed course	-	Minimum 2 Credits	I – IV	-	-	

	from UGC-SWAYAM /UGC /CEC/						

- **Summer Internship:**
  - Duration-1 month (2nd Week of May to 2nd week of June-before college reopens)
- **Project:**
  - Off class
  - Evaluation components-Report writing + Viva Voce (Internal marks-40) + External marks 60
- **EDC:**
  - Syllabus should be offered for two different batches of students from other than the parent department in Sem-I &Sem-II

CBCS Curriculum for M.A ECONOMICS

I MA

SEMESTER - I

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG1E1	MICRO ECONOMIC ANALYSIS	6	4

COURSE DESCRIPTION

Micro Economics is the base for Economics. It would impart the knowledge of different types of market, seller, Production and consumption.

COURSE OBJECTIVE/S

1. Enable the students to understand the concepts of demand, supply the basic Economic Theories of Consumption, Production & Market Structure.
2. Inculcating the knowledge of Production, Supply, Sales and the prevailing trend of the market.
3. Enabling them to analyse the Perfect and Imperfect market structure and the different types of sellers. (Monopoly, Oligopoly, Duopoly)
4. To equip them to face NET exam and other competitive exams.

UNIT I: INTRODUCTION & THEORY OF CONSUMPTION [15 HRS.]

Theory of Demand – Theory of Supply –Partial and general equilibrium analysis – model construction in economics- its uses and limitations – Cobb-web Theorem - Indifference curve Analysis - Price Effect – Income and Substitution effects (Self study) – Hicks method and Slutsky's Method – Samuelson's Revealed Preference Theory

UNIT II: MODERN THEORIES OF CONSUMPTION [15 HRS.]

Hicks revision of demand theory – weak and strong ordering – direct consistency test and derivation of law of demand – Modern Utility Analysis of choice involving risk and uncertainty – Behaviourist approach of Neumann and Morgenstern and NM Utility Index(Self study) – Friedman Savage Hypothesis

UNIT III: THEORY OF PRODUCTION AND DISTRIBUTION [15HRS.]

Concept of production function – modern approach - Equilibrium of the firms – Choice of optimum combination of factors –Multi product firm (Self study) Theories of Distribution -Marginal Productivity Theory of distribution -Modern theory of Distribution

UNIT IV: MARKET STRUCTURE [15 HRS.]

An overview of Perfect Competition - Monopoly – Demand and Revenue – Costs – Short and Long run cost of the monopolists – discriminating monopoly – bilateral monopoly – concepts of natural monopoly – Monopsony. Monopolistic competition – Assumptions – cost – products differentiation and the demand curve – the concept of "industry" and the "group" equilibrium of the firm - price and selling cost – Non-price competition. Excess capacity and ideal output. Duopoly – Cournot Model -Oligopoly – Cartels – Collective & Non-Collective –Kinked Demand Curve.

UNIT V: INFORMATION PROBLEM AND MARKETS WITH ASYMMETRIC INFORMATION [15 HRS.]

Information problem – The market for lemons and adverse selection Asymmetric and the market failure –The Insurance Market and adverse selection – The problem of Moral Hazard – Moral Hazard –free rider problem – problem of commons and Allocative Inefficiency (Self-study)

UNIT VI: DYNAMISM / CURRENT AFFAIR

1. primary market survey for a month, to find out the trends of the market and to write report
2. To find out the demand for a new product

REFERENCES:

TEXT BOOKS

1. Jhingan M.L. (2017) *Advanced Economic Theory*, Vrinda Publications [P] Ltd, New Delhi, 2nd Revised and Enlarged Edition.
2. John Kennedy, M. (2001). *Advanced Micro Economics,* Himalaya Publishing House [P] Ltd., Mumbai, and Edition.

REFERENCE BOOKS

1. Agarwal, H.S. (1998) Advanced *Economic Theory* , Konark Publishers Pvt. Ltd., 9th Edition.
2. Arrow K.J. (1997) *Social Choice and Individual Values*, Tata McGraw Hill Publishing Company Ltd., New Delhi, 2nd Edition.
3. Ahuja, H.L. (2017), *Advanced Economic Theory*, Vrinda Publications [P] Ltd., New Delhi.
4. Baumol, J. Wiiliam, (1979), Welfare *Economics and Theory of State*, Prentice Hall, Inc., New Jersey.
5. Chopra M.L.(1996) *Advanced Economic Theory,* Kalyani Publishers, New Delhi, 8th and 9th Edition Reprinted.

6. Koutsoyiannis, (2001) Advanced *Micro Economics*, English Language BookSociety, MacMillan Company, London, 1st and 2nd Edition Reprinted.
7. Harvey, J.(1988) *Modern Economics* , Macmillan education ltd London.
8. Dixit , A.K. (1976) *The theory of equilibrium growth*, oxford university press London.
9. Wilfred Beckerman, (1969) *An introduction to national income analysis,* Weidenfeld and London.
10. Jhingan M.L. (2017) *Advanced Economic Theory*, Vrinda Publications [P] Ltd, New Delhi, 2nd Revised and Enlarged Edition.
11. John Kennedy, M. (2001). *Advanced Micro Economics,* Himalaya Publishing House [P] Ltd., Mumbai, and Edition.

DIGITAL OPEN EDUCATIONAL RESOURCES

1. http://www.economicsdiscussion.net/theory-of-production/theory-of-production-and-the- production-function/12410
2. http://coin.wne.uw.edu.pl/siwinska/Lecture1_17a.pdf

COURSE CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
UNIT -I INTRODUCTION& THEORY OF CONSUMPTION				
1.1	Topic 1 Theory of Demand and Supply	3	Chalk & Talk	Black Board
1.1:1	Subtopics:	1	Chalk & Talk	
1.3	Meaning of demand, supply Law of demand Elasticity of demand, types,	4	Lecture	PPT & White board
1.4	Various théories of demand and supply	1	Lecture	Black Board
1.5	Indifference curve analysis	2	Lecture	Black Board
1.6	Subtopics Price effect	1	Discussion	Black Board
1.7	Income effect	2	Specimen	Black Board

1.8	Substitution effect	1	Discussion	Black Board
UNIT -II MODERN THEORIES OF CONSUMPTION				
2.1	Hicks revision of demand theory – weak and strong ordering	5	Lecture	Charts
2.2	Neumann and Morgenstern and NM Utility Index	5	Chalk & Talk	Black Board
2.3	Friedman Savage Hypothesis.	5	Lecture & Discussion	Online/ E-Content/ Text Books /Materials/ Field Visit/
UNIT – III THEORY OF PRODUCTION				
3.1	Concept of production function Modern approach Technological progress and production function Equilibrium of the firms, choice of optimal combination of factors	6	Blended Learning	Online/ E-Content/ Text Books /Materials/ Field Visit/
3.2	Models: Ridge lines, Scale line, Expansion path,	5	Blended Learning	Black Board
3.3	Production function of multi product firm.	4	Blended Learning	Black Board
UNIT IV - MARKET STRUCTURE				
4.2	Different types of Market Perfect Competition, Monopoly, Monopolistic Competition, Duopoly, Oilgopoly, Duopsony		Blended Learning	Black Board
4.3	Models: Cournot Model -Oligopoly – Cartels, Collective & Non-Collective Kinked Demand Curve.		Blended Learning	Black Board
UNIT – V INFORMATION PROBLEM AND MARKETS WITH ASYMMETRIC INFORMATION				
5.2	Information problem The market for lemons and adverse selection	9	Blended Learning	Black Board

	Asymmetric and the market failure The Insurance Market and adverse selection			
5.3	Moral Hazard The problem of Moral Hazard Free rider problem Allocative Inefficiency	6	Blended Learning	Black Board
UNIT VI DYNAMISM				
6.1	Encouraging them for a primary market survey for a month, to find out the trend of the market and to write report	10		
6.2	To enable them to analyse the demand for a new product	5		

Levels	C1	C2	C3	C4	Total Scholastic Marks	Non Scholastic Marks C5	CIA Total	Percentage of Assessment
	Seminar 5 Mks.	Better of W1, W2 5 Mks.	M1+ M2 10 Mks	MID-SEM TEST 15 Mks	35 Mks.	5 Mks.	40Mks.	
K2	5	-	-	2 ½	-		-	-
K3	-	5	4	2 ½	5		5	12.5
K4	-	-	3	5	12		12	30
K5	-	-	3	5	9		9	22.5
Non Scholastic	-	-	-	-	9		9	22.5
Total	5	5	10	15	35	5	40	100

CIA

Scholastic	**35**
Non Scholastic	**5**
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

- **PG CIA Components**

			Nos		
C1	-	Test (CIA 1)	1	-	10 Mks
C2	-	Test (CIA 2)	1	-	10 Mks
C3	-	Assignment	2 *	-	5 Mks
C4	-	Open Book Test/PPT	2 *	-	5 Mks
C5	-	Seminar	1	-	5 Mks
C6	-	Attendance		-	5 Mks

The best out of two will be taken into account

COURSE OUTCOMES

On the successful completion of the course, students will be able to:

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	Equipped with the knowledge of demand and supply	K2	PSO1& PSO2

CO 2	Gaining knowledge on the prevailing trends of Market.	K2, K3	PSO3
CO 3	Enabling them to analyse the Life Cycle of a Product.	K2, K4	PSO5
CO 4	Inculcating the knowledge on allocation of resources.	K2, K3 & K4	PSO4
CO 5	Equipped themselves to face competitive exams	K3& K5	PSO5

Mapping COs Consistency with PSOs

CO/ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3

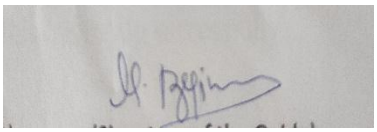
Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	2	3	3	2
CO3	3	3	2	3	3	2	3
CO4	3	2	3	3	3	1	3
CO5	3	3	3	1	3	3	3

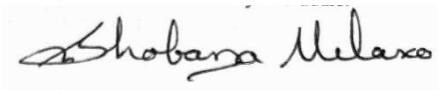
Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

COURSE DESIGNER **FORWARDED BY**



DR.M.REGINA MARY



DR.SHOBANA NELASCO
HEAD OF THE DEPARTMENT

I MA
SEMESTER - I
(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG1E2	STATISTICAL METHODS	6	4

COURSE DESCRIPTION

Statistical tools are necessary for the application of economic theories and for doing research work.

COURSE OBJECTIVE/S

1. To equip the students with statistical tools needed for research and analysis
2. Designed to be recruited for IES and NET Exams.
3. To equip them to become a good statistical officer

UNIT I: PROBABILITY AND THEORETICAL DISTRIBUTION [15HRS]

Probability Distribution- Concept of Probability – Theorems Probability (Self study) Theoretical Distribution: – Bayes' Theorem. Binomial, Poisson and Normal distribution - Fitting a normal curve.

UNIT II: PARAMETRIC TEST OF HYPOTHESIS [15 HRS]

Procedure of Testing Hypothesis – Type I and II Errors – One-tailed – Two-tailed(Self study) Tests of Hypothesis: Parametric: – t-test, Z-test, F-test – ANOVA

UNIT III: NON-PARAMETRIC TEST OF HYPOTHESIS [15 HRS]

Non-Parametric Tests : Chi-square Test, the Sign Test, a Rank Sum Test, One Sample Runs Test, Kruskal-Wallis or H Test – Spearman's Rank Correlation(Self study) - Limitations of Non-Parametric Tests.

UNIT IV: TIME SERIES, INTERPOLATION AND EXTRAPOLATION [15 HRS]

Time series, Interpolation and Extrapolation: Meaning and components of time series –different methods of measuring- trend and seasonal variations only. Methods of Interpolation –Graphic- Algebraic- Binomial Expansion method – Newton's method of advancing difference, Newton Gauss[Forward

and Backward] method- Newton's Divided Difference method(Self study) - Lagrange's method and parabolic curve fitting Extrapolation.

UNIT V: STATISTICAL QUALITY CONTROL CHART [15 HRS]

Control Limits - Types of Control Charts – X Chart – R Chart – Control Chart for C – Control Chart for P – Advantages & Limitations of Statistical Quality Control(Self study).

UNIT VI DYNAMISM & CURRENT AFFAIRS

1. Work out problems for all the above statistical concepts
2. Collecting and writing review of articles with the above tools

REFERENCE BOOKS:

1. Gupta S.P. (2001). *Statistics*, S. Chand & Company Ltd., New Delhi.
2. Monga G.S.(2001) *Mathematics and Statistics for Economics*, Vikas Publishing House Pvt. Ltd., New Delhi.
3. Pillai & Bagavathi, R.S.N.(2001) *Statistics*, S. Chand & Company Ltd, New Delhi.
4. Gupta S.C and Kapoor V.K.(2003) *Fundamentals of Applied Statistics* Sultan Chand & Sons, New Delhi.
5. Elhance D.N and Aggarwal B.M.(2003) *Fundamentals of Statistics*, Kitab Mahal, Allahabad.
6. Hooda R.P.(2000) *Statistics for Business and Economics*, MacMillan, New Delhi.
7. Frank, Harry and Althoen, Steven,C.(2000) *Statistics: Concepts and Applications*, Cambridge University Press, Cambridge.
8. Richard I.Levin, David S. Rubin "Statistical for management" Dorling
9. Kindersley publication India, (2008).Seventh Edition 2008
10. Baijley , Norman T.J (1997) *Statistical methods in biology*, London Cambridge University press, 3rd edition.
11. Mills Frederick,C. (1955) *Statistical Methods* , New York, Henry Holt and company 3rd Edition.
12. Sneduos, George, *Statistical Methods* / george w snedecos and willam.Gcochran 6th edition.
13. Edward, Allen, *statistical methods*, newyork holt Rinehart and Winston inc 3rd Edition.

COURSE CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
UNIT -I PROBABILITY AND THEORETICAL DISTRIBUTION				

1.1	Probability Distribution	5	Lecture	Jam Board
1.1:1	Subtopics:			
1.3	Meaning of Probability, Permutation, Combination, Theorems of Probability	5	Blended Method	PPT & Jam board
1.4	Theoretical Distribution Bayes' Theorem, Binomial, Poisson Normal distribution - Fitting a normal curve.	5	Blended Method	Jam Board
UNIT -II PARAMETRIC TEST OF HYPOTHESIS				
2.1	Procedure of Testing Hypothesis Type I and II Errors One-tailed – Two-tailed tests	5	Lecture	Jam board and Charts
2.2	Tests of Hypothesis: Parametric: – t-test, Z-test, F-test	5	Lecture	Jam Board
2.3	ANOVA	5	Lecture & Discussion	Jam board
UNIT – III NON-PARAMETRIC TEST OF HYPOTHESIS				
3.1	Sub topics Chi-square Test, the Sign Test, a Rank Sum Test, One Sample Runs Test, Kruskal-Walls or H Test	10	Blended Learning	Jam Board
3.2	Spearman's Rank Correlation - Limitations of Non-Parametric Tests.	5	Blended Learning	Jam Board
UNIT IV - TIME SERIES, INTERPOLATION AND EXTRAPOLATION				

4.2	Sub topics: Semi average, Moving average, Method of Least squares	5	Blended Learning	Jam Board
4.3	Interpolation Methods of Interpolation Graphic- Algebraic- Binomial Expansion method – Newton's method of advancing difference, Newton Gauss[Forward and Backward] method- Newton's Divided Difference method-	7	Lecture	Jam Board
4.4	Extrapolation Lagrange's method and parabolic curve fitting Extrapolation	3	Blended Method	Jam Board
UNIT – V STATISTICAL QUALITY CONTROL CHART				
5.1	Control Limits - Types of Control Charts – X Chart – R Chart – Control Chart for C – Control Chart for P	9	Blended Method	Jam Board
5.2	Advantages & Limitations of Statistical Quality Control.	6	Lecture	Jam Board
UNIT VI DYNAMISM				
6.1 6.2	Motivating to work out problems independently for all the above statistical concepts Enabling to Collect and write review of articles with the above tools			Encouraging them to choose a economic problem and apply new statistical tools to find out solution

Levels	C1	C2	C3	C4	Total Scholastic Marks	Non Scholastic Marks C5	CIA Total	Percentage of Assessment
	Seminar 5 Mks.	Better of W1, W2 5Mks.	M1+ M2 10 Mks	MID-SEM TEST 15 Mks	35 Mks.	5 Mks.	40Mks.	
K2	5	-	-	2 ½	-		-	-
K3	-	5	4	2 ½	5		5	12.5
K4	-	-	3	5	12		12	30
K5	-	-	3	5	9		9	22.5
Non Scholastic	-	-	-	-	9		9	22.5
Total	5	5	10	15	35	5	40	100

CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
10	10	5	5	5	5	40	60	100

- **PG CIA Components**

			Nos		
C1	-	Test (CIA 1)	1	-	10 Mks
C2	-	Test (CIA 2)	1	-	10 Mks
C3	-	Assignment	2 *	-	5 Mks
C4	-	Open Book Test/PPT	2 *	-	5 Mks
C5	-	Seminar	1	-	5 Mks
C6	-	Attendance		-	5 Mks

The best out of two will be taken into account

COURSE OUTCOMES

On the successful completion of the course, students will be able to:

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	Obtaining knowledge on probability.	K2	PSO1& PSO2
CO 2	Be equipped on statistical tools.	K2, K3	PSO3
CO 3	Gained knowledge on analysis and hypothesis.	K2, K4	PSO5
CO 4	Enabling them to do their research project.	K2, K3 & K4	PSO4
CO 5	Knowledge on evaluating statistical quality control	K3& K5	PSO4

Mapping COs Consistency with PSOs

CO/ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

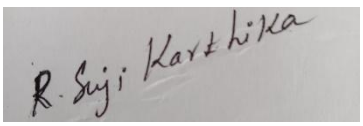
Mapping COs Consistency with POs

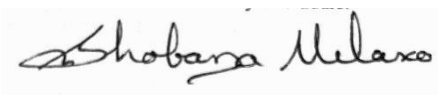
CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	2	3	3	2
CO3	3	3	2	3	3	2	3
CO4	3	2	3	3	3	1	3
CO5	3	3	3	1	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

COURSE DESIGNER **FORWARDED BY**





DR.R.SUJI KARTHIKHA **DR.SHOBANA NELASCO**
HEAD OF THE DEPARTMENT

I SEMESTER
I MA ECONOMICS
(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG1E3	INDIAN ECONOMY	6	4

COURSE DESCRIPTION

Study on agriculture marketing, industrialization, monetary issues& recent government policies in India

COURSE OBJECTIVE/S

1. To impart knowledge on core sectors of Indian Economy.
2. To equip the students to understand the current economic issues of India.
3. To help the students to face the TNPSC and UPSC exams
4. To acquaint the students with the significance of various sectors in Indian economy

UNIT:I DEVELOPMENTAL ISSUES: POVERTY, UNEMPLOYMENT AND HUMAN DEVELOPMENT [15 HRS]

Estimates of inequality and poverty measures for India - government measures India's human development record in global perspective - India's population policy and development -urbanization and migration - different types of migration(Self Study) and their impact-urban development strategies- nature of employment in India-indices of development PQLI, HDI , Hunger Index, Education Index, Ecological footprint Index and Green Index

UNIT: II AGRICULTURE AND RURAL DEVELOPMENT STRATEGIES [15 HRS]

Technologies and institution-land relation and land reforms -rural credit –modern form inputs and marketing-price policy and subsidies-commercialization and diversification-Performance of agricultural sector- Factors determining agricultural growth- Food security. Rural development program (Self study) -Economic and Social infrastructure-New rural employment guarantee scheme

UNIT: III INDUSTRY [15 HRS]

Strategy of industrial development-industrial policy reforms-Industrial growth before and after reforms-policy relating to small scale industries - source of industrial finance- Bank, Share market, (Self Study) Insurance companies-Pension funds-Non banking source-Foreign Direct Investment-port folio investment, public sector reforms, Privatization and Disinvestment, MSME ,Industrial policy resolution of 1948,1956,1991.

UNIT:IV FISCAL DEVELOPMENT AND EXTERNAL SECTOR [15 HRS]

Tax-Expenditure-Budgetary deficits-pension and fiscal reforms-fiscal responsibility and budget management act-black money and parallel economy in India-demonetization and cashless economy (Self study)-External sector performance-Trade in India-Sector wise.

UNIT:V RECENT POLICIES OF GOVERNMENT OF INDIA. [15 HRS]

Swatch Bharath-Jandhan Yojana-Saansad Adarsh Gram Yojana-Atal Pension Yojana-Awas Yojana-Jeevan Jhothi Bheema Yojana-Swraksha Bheema Yojana-Krishi Sinchi Yojana-Mudra Bank Yojana-Garib Kalyan Yojana-Sukanya Samridhi Yojana (Self study) -Digi Locker scheme and Ebasta scheme.

UNIT-VI DYNAMISM-CURRENT AFFAIRS

case study on government scheme-recent issues and statistical data

REFERENCES

TEXT BOOKS:

1. Mishra & Puri, (2016) *Indian Economy*, Himalaya Publishing House, Mumbai.

REFERENCE BOOKS:

1. Mishra & Puri, (2016). *Indian Economy*, Himalaya Publishing House, Mumbai, 2016
2. Gaurav Datt and Ashwani Mahajan, Datt&Sundharam's, (2015). *Indian Economy*, S. Chand & Company, New Delhi.
3. Agrawal, A.N. Agarwal, M.K. (2015). *Indian Economy : Problems of Development and Planning* , New Age International (P) Ltd., Publishers, New Delhi.

DIGITAL OPEN EDUCATIONAL RESOURCES

1. https://www.googleadservices.com/pagead/aclk
2. https://in.one.un.org/un-priority-areas-in-india/nutrition-and-food-security/
3. https://www.legalserviceindia.com/legal/article-7563-black-money-in-india.html

COURSE CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
UNIT – 1 DEVELOPMENTAL ISSUES: poverty, unemployment and human development.				
1.1	Estimates of inequality and poverty measures for India	3	Chalk & Talk	Black Board

1.2	Government measures India's human development record in global prospective	2	Chalk & Talk	Black Board
1.3	India's population policy and development	3	Lecture	PPT & White board
1.4	urbanization and migration	2	Lecture	Black Board
1.5	different types of migration and their impact	2	Lecture	PPT & White board
1.6	urban development strategies	1	Lecture	PPT & White board
1.7	Indices of development PQLI ,HDI ,Hunger Index, Education Index, Ecological foot print Index and Green Index	2	Lecture	Black Board
UNIT –II AGRICULTURE AND RURAL DEVELOPMENT STRATEGIES				
2.1	Technologies and institution	3	Chalk & Talk	Black Board
2.2	land relation and land reforms	2	Chalk & Talk	Black Board
2.3	rural credit	2	Lecture	PPT & White board
2.4	modern form inputs and marketing-price policy and subsidies	3	Lecture	Black Board
2.5	commercialization and diversification	1	Chalk & Talk	Black Board

2.6	Rural development program-Economic and Social infrastructure	2	Chalk & Talk	PPT & White board
2.7	New rural employment guarantee scheme	2	Chalk & Talk	Black Board
UNIT –III INDUSTRY				
3.1	Strategy of industrial development-industrial policy reforms	3	Lecture	PPT & White board
3:1	policy relating to small scale industries-source of industrial finance	3	Lecture	Black Board
3.3	Bank, Share market, Insurance companies-Pension funds-Non banking source	3	Blended Learning	Black Board
3.4	Foreign Direct Investment-port folio investment,	2	Blended Learning	PPT & White board
3.5	public sector reforms, Privatisation and Disinvestment,MSME	2	Blended Learning	Black Board
3.6	Industrial policy resolution of 1948,1956,1991	2	Blended Learning	PPT & White board
UNIT : IV BUDGETING AND FISCAL POLICY				
4.1	Tax-Expenditure	3	Blended Learning	PPT & White board
4..2	Budgetary deficits-pension and fiscal reforms	2	Lecture	Black Board
4..3	fiscal responsibility and budget management act-black money	4	Blended Learning	Black Board

4..4	parallel economy in India-demonetization	3	Blended Learning	Black Board
4..5	cashless economy	3	Lecture	PPT & White board
UNIT V RECENT POLICIES OF GOVERNMENT OF INDIA.				
5.1	Swatch Bharath-Jandhan Yojana-Saansad Adarsh Gram Yojana	3	Lecture	PPT & White board
5.2	Atal Pension Yojana-Awas Yojana	3	Lecture	Black Board
5.3	Jeevan Jhothi Bheema Yojana-Swraksha Bheema Yojana	4	Chalk & Talk	Black Board
5.4	Krishi Sinchi Yojana-Mudra Bank Yojana	3	Chalk & Talk	Black Board
5.5	Garib Kalyan Yojana-SuganyaSamridhi Yojana -Digi Locker sheme and Ebasta scheme.	2	Lecture	PPT & White board
UNIT VI - DYNAMISM/CURRENTAFFAIR				
6.1	Case study on Government Schemes			
6.2	Case study on recent issues			

Levels	**C1**	**C2**	**C3**	**C4**	**Total Scholastic Marks**	**Non Scholastic Marks C5**	**CIA Total**	**Percentage of Assessment**
	Seminar	**Better of W1, W2**	**M1+ M2**	**MID-SEM**				

	5 Mks.	5Mks.	10 Mks	TEST 15 Mks	35 Mks.	5 Mks.	40 Mks.	
K2	**5**	**-**	**-**	**2 ½**	**-**		**-**	**-**
K3	**-**	**5**	**4**	**2 ½**	**5**		**5**	**12.5**
K4	**-**	**-**	**3**	**5**	**12**		**12**	**30**
K5	**-**	**-**	**3**	**5**	**9**		**9**	**22.5**
Non Scholastic	**-**	**-**	**-**	-	**9**		**9**	**22.5**
Total	**5**	**5**	**10**	**15**	**35**	**5**	**40**	**100**

CIA	
Scholastic	**35**
Non Scholastic	**5**
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**CIA**	**ESE**	**Total**
10	**10**	**5**	**5**	**5**	**5**	**40**	**60**	**100**

- **PG CIA Components**

			Nos		
C1	-	Test (CIA 1)	1	-	10 Mks
C2	-	Test (CIA 2)	1	-	10 Mks
C3	-	Assignment	2 *	-	5 Mks
C4	-	Open Book Test/PPT	2 *	-	5 Mks
C5	-	Seminar	1	-	5 Mks
C6	-	Attendance		-	5 Mks

The best out of two will be taken into account

COURSE OUTCOMES

On the successful completion of the course, students will be able to:

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	To impart knowledge on core sectors of Indian Economy.	K2	PSO1
CO 2	To equip the students to understand the current economic issues of India.	K2, K3	PSO3
CO 3	To help the students to prepare for competitive examinations and face the TNPSC and UPSC exams where Indian Economy is a part of syllabus.	K2, K4	PSO2
CO 4	To impart knowledge on core sectors of Indian Economy.	K2, K3 & K4	PSO4
CO5	To acquire the knowledge of tax system in India	K2, K3 & K5	PSO5

Mapping COs Consistency with PSOs

CO/ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

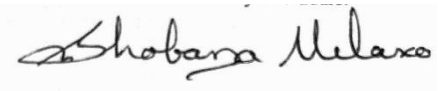
Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	2	3	3	2
CO3	3	3	2	3	3	2	3
CO4	3	2	3	3	3	1	3
CO5	3	3	3	1	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

COURSE DESIGNER **FORWARDED BY**



DR.S.IVY JENO

DR.SHOBANA NELASCO
HEAD OF THE DEPARTMENT

I MA

SEMESTER - I

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG1E4	MONEY AND BANKING	6	4

COURSE DESCRIPTION

Money, Monetary Policies, Monetary Institutions.

COURSE OBJECTIVE/S

To make the students to understand the Indian banking systems. The topics dealt under this subject will enable the students to know about the money market and capital market.

UNIT:I MONEY : (15HRS)

Definition – Functions of Money – Classification - Gold Standard - Paper currency system-Quantity theories of money – Fisher and Cambridge-Keynesian monetary Theory and Three Motives- James Tobin's portfolio analysis of money demand- Don Patinkin's Integration– Real Balance Effect-Milton Friedman's reformulated quantity Theory. Velocity of Money

UNIT:II CAPITAL MARKET, SUPPLY OF MONEY AND NBFI: (15HRS)

Types and determinants of money supply – money multiplier- Theories of interest rate – classical – Keynes – Hicks – Hansen - Capital market - Role of financial intermediaries - Non-banking financial institutions – Gurley and Shaw theory.

UNIT: III MONEY MARKET AND COMMERCIAL BANKS (15HRS)

Money market: Meaning – Characteristics – Functions – Institutions of Indian Money market- Functions of Commercial banks - Credit creation – Nationalization - Regulation of money supply and credit- Narashimham Committee Reports– 1991 and 1998- Raghuram Rajan Committee Report -2007.

UNIT: IV MONETARY POLICY AND CENTRAL BANKS: (15HRS)

Monetary policy: Meaning and Objectives – Monetarism and Keynesianism – Comparison - Central Bank: Functions of Central Bank – Credit control: Qualitative and Quantitative - Departments of Reserve Bank of India.

UNIT: V ELECTRONIC MONEY AND BANKING: (15HRS)

Electronic Banking/ internet banking - telephonic banking –mobile banking - door to door banking – merchant banking - Electronic Money and Payment Schemes: Digital cash ATM – Credit cards – Debit cards, Kiosks- Internet Cheque, Smart Cards, Financial EDI, E-Wallets, micro transactions, payment clearing service providers. Internet Monetary payment and security requirements.

UNIT VI: DYNAMISM:

Case study of banking services- case study of online transactions - Case study of Banks

Reference Books

1. Jhingan, M.L.(2001). *International Trade and Public Finance*, Sixth Revised Edition..
2. Mithani. D.M.(1993) *Money Banking and Foreign Trade*, Seventh Edition.
3. Sundaram K.P.M. (1990) *Money Banking and International Trade*, Thirtieth Edition.
4. Surej & Gupta , B.(1984). *Money Banking Theory and Practice*, Second Reprint.
5. Vaish V.C.(1995). *Monetary Theory*", Fourteenth Edition.

DIGITAL OPEN EDUACTIONAL RESOURCES:

1. https://www.economicsdiscussion.net/money
2. https://www.shopify.in/encyclopedia/what-is-ecommerce
3. https://www.bigcommerce.com/articles/ecommerce/

COURSE CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
UNIT -1	**INTRODUCTION**			
1.1	Definition – Functions of Money – Classification - Gold Standard -Managed Paper currency system.	4	Lecture	PPT
1.1:1	Quantity theories of money – Fisher and Cambridge	4	Lecture	Study Material
1.2	Keynesian monetary Theory and Three Motives	3	Blended teaching with practice	Video,

1.4	James Tobin's portfolio analysis of money demand- Don Patinkin's Integration	4	Blended teaching	ppt
1.5	Real Balance Effect- Milton Friedman's reformulated quantity Theory.		Lecture	Study Material
1.6	Velocity of circulation of Money		lecture	Study Material
UNIT -II CAPITAL MARKET, SUPPLY OF MONEY AND NBFI				
2.1	Types and determinants of money supply – money multiplier	5	Flipped Learning	Study Material
2.2	Theories of interest rate – classical – Keynes – Hicks – Hansen	3	Blended teaching with practice	Study Material
2.3	Capital market	4	Blended teaching with practice	Study Material
2.4	Role of financial intermediaries - Non-banking financial institutions - Gurley and Shaw theory	3	Blended teaching with practice	Study Material
UNIT: III MONEY MARKET AND COMMERCIAL BANKS				
3.1	Money market: Meaning – Characteristics – Functions –	5	Blended teaching with practice	Study Material
3.2	Institutions of Indian Money market – Instruments	3	Blended teaching with practice	Study Material
3.3	Commercial Banks: Importance- Functions of commercial banks	4	Blended teaching with practice	Study Material
3.4	Credit Creation- Instruments of Credit	3	Blended teaching with practice	Study Material
3:5	Nationalisation of Commercial Banks	3	Blended teaching	Study Material

			with practice	
3.6	Regulation of money supply and credit- Narashimham Committee Reports– 1991 and 1998- Raghuram Rajan Committee Report -2007.		Lecture	Study material
UNIT: IV MONETARY POLICY AND CENTRAL BANKS:				
4.1	Monetary policy: Meaning and Objectives - Monetarism and Keynesianism– Comparison	5	Blended teaching with practice	Study Material
4.2	Role and effectiveness of Monetary Policy in a developing economy	3	Blended teaching with practice	Study Material
4.3	Central Bank: Functions of Central Bank	4	Blended teaching with practice	Study Material
4.4	Credit control: Qualitative and Quantitative	3	Blended teaching with practice	Study Material
4:5	Departments of Reserve Bank of India	3	Blended teaching with practice	Keynote,
UNIT: V ELECTRONIC MONEY AND BANKING:				
5.1	Electronic Banking: internet banking - telephonic banking –mobile banking-door to door banking – merchant banking	5	Blended teaching with practice	Google classroom, Study Material
5.2	Electronic Money and Payment Schemes: Digital cash ATM – Credit cards – Debit cards, Internet Cheque, Smart Cards, Financial EDI, E-Wallets	2	Brain storming session	Google classroom

5.3	Micro transactions, payment clearing service providers. Internet Monetary payment and security requirements.	4	PPT	Google classroom
UNIT VI DYNAMISM				
	KIOSKS – Case study of banking services through different modes- Case preparation on ebanking- case study of online transactions	2	online practical exposure	

Levels	C1		C2	C3	C4	Total Scholastic Marks	Non Scholastic Marks C5	CIA Total	Percentage of Assessment
	Seminar 5 Mks.		Better of W1, W2 5Mks.	M1+ M2 10 Mks	MID-SEM TEST 15 Mks	35 Mks.	5 Mks.	40 Mks.	
K2	5		-	-	2 ½	-		-	-
K3	-		5	4	2 ½	5		5	12.5
K4	-		-	3	5	12		12	30
K5	-		-	3	5	9		9	22.5
Non Scholastic	-		-	-	-	9		9	22.5
Total	5		5	10	15	35	5	40	100

CIA	
Scholastic	35

Non Scholastic	**5**
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

- **PG CIA Components**

			Nos		
C1	-	Test (CIA 1)	1	-	10 Mks
C2	-	Test (CIA 2)	1	-	10 Mks
C3	-	Assignment	2 *	-	5 Mks
C4	-	Open Book Test/PPT	2 *	-	5 Mks
C5	-	Seminar	1	-	5 Mks
C6	-	Attendance		-	5 Mks

The best out of two will be taken into account

COURSE OUTCOMES

On the successful completion of the course, students will be able to:

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL	PSOs ADDRESSED

		(ACCORDING TO REVISED BLOOM'S TAXONOMY)	
CO 1	Equip the students with the essential aspects of money	K2	PSO1& PSO2
CO 2	Helps the students to prepare for competitive NET SET exam.	K2, K3	PSO3
CO 3	Create awareness with regard to different types of capital and money market	K2, K4	PSO5
CO 4	Ensures the usage of modern technology in banking system	K2, K3 & K4	PSO4
CO 5	Gives an idea about monetary policy	K3& K5	PSO4

Mapping COs Consistency with PSOs

CO/ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3

Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	2	3	3	2
CO3	3	3	2	3	3	2	3
CO4	3	2	3	3	3	1	3
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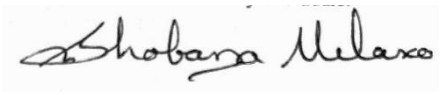
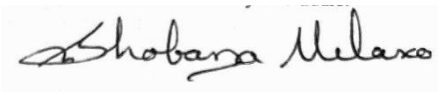
Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

COURSE DESIGNER **FORWARDED BY**

DR.SHOBANA NELASCO **DR.SHOBANA NELASCO**

HEAD OF THE DEPARTMENT

I MA

SEMESTER - II

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG2E5	MACRO ECONOMIC ANALYSIS	6	4

COURSE DESCRIPTION

Study National income and related concepts, consumption and investment function, IS & LM function, business cycle, Macroeconomic policies implemented to stabilise the economy.

COURSE OBJECTIVES

1. Impart theoretical skills in students at macro level.
2. Enable the students to know the modern existing application oriented theories.
3. Equip them to face IES, IAS exams and NET exam

UNIT-I NATIONAL INCOME **[15 HRS]**

Nature of Macro Economics-stock and flow relationships – **National income and its measurement**-,GNP, NNP at current prices, Market prices-factor prices- **Importance of National Income Estimation**-National Income Accounting and Social accounting - Trends in the growth of GDP (Self study)

UNIT-II CONSUMPTION AND INVESTMENT FUNCTION [15 HOURS]

Consumption Function: The short run consumption function – the relative income hypothesis – the permanent income hypothesis and the absolute income hypothesis- the long run consumption function. Autonomous induced investment, MEC and rate of interest. Trends in Autonomous Investment (Self study)

UNIT-III IS & LM FUNCTION [15 HOURS]

IS & LM Function: General equilibrium of product and money markets- shifts in IS & LM elasticities- classical range –intermediate range and Keynesian range- IS&LM model with Foreign trade sector. Foreign trade trends- (Self study)

UNIT-IV BUSINESS CYCLE [15 HOURS]

Theories of Schumpeter, Kaldor, Samuelson and Hicks, Goodwin's model; Control of business cycles — relative efficacy of monetary and fiscal policies. Tariff Policy- (Self study)

UNIT- V MACRO ECONOMIC POLICY [15 HOURS]

Macro Economic Policy: Objectives of Macroeconomic policy – **Policy implications** - Phillip's curve and unemployment- stagflation- Keynesianism versus monetarism- supply side economics. Current macroeconomic scenario: national and international. Unemployment trends in India- (Self study)

UNIT –VI DYNAMISM

Analysis and interpretation of the status of the economy -Data collection of macro variables (GDP, National Income, Export etc) - Analysis of the psychological law of consumption with change in income and demand - Concept analysis like unemployment, savings, investment etc with relevant country or inter-country data .

REFERENCES

TEXT BOOK:

1. Jhingan,M.L.(1983). *Macro Economics*, Konark Publishers Private Limited,Delhi 1st Edition.

REFERENCE BOOKS:

1. Demburg,(1989). *Macro Economics*, McGraw-Hill Book Company.
2. Edward Shapiro,(1989). *Macro Economics*, Suneel Galgotia Publications Private Limited, New Delhi.
3. Dr. Gupta, R.D. *Keynes and Post Keynesian Economics*, Kalayani Publishers, New Delhi.
4. Ahuja,H.L(2013). *Macroeconomics Theory and Policy*, S.Chand Publishers.
5. Allen .R.G.D (1971). *Macroeconomic Theory* , Mathematical Treatment.
6. Harvey, (1971) *Macro Economics*, London Macmaillan Company Limited.

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8. Gordon, R.A. [1961], Business Fluctuations, Harper and Row.
9. Gordon, R.A. and L.R. Klein [Eds.] Readings in Business Cycles, Irwin Homewood.
10. Hicks, J.R. [1950], A Contribution to the Theory of Trade Cycles, Clarendon Press,Oxford.
11. Lucas, R. [1981], Studies in Business Cycle Theory, M.I.T. PressCambridge, Masscechusetts.
12. Rakesh Bijlani[2011]Business Cycles Theory and Practice,Adhyayan Publishers and distributors,New Delhi.
13. Navaro Peter [2006]Managing the Business Cycle,PearsonPublishers,New Delhi.

DIGITAL OPEN EDUCATIONAL RESOURCES

1. https://www.mbaknol.com/managerial-economics/national-income-accounting-in-india
2. https://www.weforum.org/agenda/2021/11/india-s-future-and-role-in-the-post-covid-19-world/
3. https://www.businessinsider.com/what-is-business-cycle

COURSE CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Content Delivery Method	Teaching Aids
UNIT -1 INTRODUCTION				
1.1	Micro- Macro relations	2	Lecture	PPT
1.2	stock and flow relationships	2	Lecture	Black Board
1.3	national income and social accounting.	3	Chalk & Talk	Black Board
1.4	NNP, at current prices, market prices	3	Lecture	Black Board
1.5	GNP at current prices, market prices	3	Lecture	Black Board
1.6	factor prices.	2	Chalk & Talk	Black Board
UNIT -2 : CONSUMPTION AND INVESTMENT FUNCTION				

2.1	The short run consumption function	2	Lecture	Black Board
2.2	relative income hypothesis	2	Lecture	Black Board
2.3	permanent income hypothesis	1	Discussion	Black Board
2.4	absolute income hypothesis	2	Lecture	Black Board
2.5	long run consumption function	2	Lecture	PPT
2.6	Autonomous induced investment	3	Discussion	Online
2.7	MEC and rate of interest	3	Lecture	Black Board
UNIT -3 :IS & LM FUNCTION				
3.1	Equilibrium of product Market	2	Lecture	Black Board
3.2	Equilibrium of money markets	3	Lecture	Black Board
3.3	General equilibrium of product &money markets	3	Lecture	PPT
3.4	shifts in IS & LM elasticities	2	Discussion	Black Board
3.5	classical range –intermediate range and Keynesian range-	3	Lecture	LCD
3.6	IS&LM model with Foreign trade sector.	2	Discussion	Black Board
UNIT-4 : BUSINESS CYCLE				
4.1	Theories of Schumpeter, —	2	Lecture	Black Board
4.2	Kaldor's Theory of business cycle.	2	Lecture	PPT
4.3	Samuelson and Hicks,	2	Discussion	Black Board

4.4	Goodwin's model;	3	Chalk & Talk	Black Board
4.5	Control of business cycles	3	Chalk &Talk	Black Board
4.6	Relative efficacy of monetary policy.	2	Discussion	Black Board
4.7	Relative efficacy of fiscal policy.	1	Lecture	Black Board
UNIT -5 MACRO ECONOMIC POLICY				
5.1	Objectives of Macroeconomic policy	2	Lecture	PPT
5.2	Phillip's curve and unemployment	2	Lecture	Black Board
5.3	stagflation-	2	Lecture	Black Board
5.4	Keynesianism versus monetarism	3	Discussion	Black Board
5.5	supply side economics	3	Lecture	Black Board
5.6	Current macroeconomic scenario: national	2	Discussion	Black Board
57	Current macroeconomic scenario: International	1	Lecture	PPT
UNIT -6 : DYNAMISM				
6.1	Analysis and interpretation of the status of the economy.			Students report submission through PPT
6.2	Data collection of macro variables (GDP, National Income, Export etc)			Students report submission

6.3	Analysis of the psychological law of consumption with change in income and demand			Students report submission
6.4	Savings Analysis with relevant country or inter-country data.			Students report submission
6.5	Unemployment analysis with relevant country or inter-country data.			Students report submission through PPT
6.6	Investment analysis with relevant country or inter-country data.			Students report submission through PPT

Levels	C1	C2	C3	C4	Total Scholastic Marks	Non Scholastic Marks C5	CIA Total	Percentage of Assessment
	Seminar 5 Mks.	Better of W1, W2 5Mks.	M1+M2 10 Mks	MID-SEM TEST 15 Mks	35 Mks.	5 Mks.	40 Mks.	
K2	5	-	-	2 ½	-		-	-
K3	-	5	4	2 ½	5		5	12.5

K4	-	-	3	5	12		12	30
K5	-	-	3	5	9		9	22.5
Non Scholastic	-	-	-	-	9		9	22.5
Total	5	5	10	15	35	5	40	100

CIA	
Scholastic	**35**
Non Scholastic	**5**
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

- **PG CIA Components**

			Nos		
C1	-	Test (CIA 1)	1	-	10 Mks
C2	-	Test (CIA 2)	1	-	10 Mks
C3	-	Assignment	2 *	-	5 Mks
C4	-	Open Book Test/PPT	2 *	-	5 Mks
C5	-	Seminar	1	-	5 Mks
C6	-	Attendance		-	5 Mks

****The best out of two will be taken into account***

COURSE OUTCOMES

On the successful completion of the course, students will be able to:

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	Evaluate the modern existing application oriented theories	K2	PSO1& PSO2
CO 2	Derive a plan to compete and win the competitive examinations like IAS,IES,and NET	K2, K3	PSO3
CO 3	Identify the impact of fluctuations in macroeconomic concepts on economic growth.	K2, K4	PSO5
CO 4	Assess the policies implemented by government to set right the economic problems faced by the nation.	K2, K3 & K4	PSO4
CO 5	Identify the changes in the economic scenario and evaluate the current economic growth.	K3& K5	PSO4

Mapping COs Consistency with PSOs

CO/ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	2	3	3	2
CO3	3	3	2	3	3	2	3
CO4	3	2	3	3	3	1	3
CO5	3	3	3	1	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

COURSE DESIGNER

S. Ivy Jeno.

DR.S.IVY JENO

FORWARDED BY

Shobana Nelasco

DR.SHOBANA NELASCO
HEAD OF THE DEPARTMENT

I MA

SEMESTER - II

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG2E6	MATHEMATICS FOR ECONOMICS	6	4

COURSE DESCRIPTION

Mathematical tools are necessary for the application of economic theories.

COURSE OBJECTIVE/S

1. To equip the students with application oriented theories like input -output Model, Linear Programming and Game Theory.
2. To equip students in acquiring analytical skills.
3. To equip them to face IES, IAS exams and NET exam
4. To equip the students with application oriented theories like input - output Model, Partial and Total Derivations, Linear Programming and Game Theory.
5. To equip students in acquiring analytical Skills.
6. To give training for students for IES and NET exam

UNIT I: DIFFERENTIATION [15HRS]

Applications of Derivatives: The Sign and magnitude of Derivative – Average and Marginal Values –Application of the second derivative – Finding maximum and minimum values (Self study) – General problems of average and marginal values – point of inflexion – Market equilibrium-Perfect Competition monopoly and Duopoly in economic theory –Economic applications of Derivatives

UNIT II: PARTIAL DIFFERENTIATION [15HRS]

Partial Derivatives and its applications: First and second order partial derivative – Economic applications of partial differentiation on elasticity demand, Homogenous functions- Euler's theorem- Cobb-Douglas production function-CES production function. Maxima and Minima for two variables. Profit maximization for discriminating monopoly(Self study) – Properties of Cobb- Douglas production function and CES production function.

UNIT III: INTEGRATION [15HRS]

Integral Calculus – rules of integration indefinite and definite integrals - substitution methods of integration - applications- integration as total function of economics marginal functions – consumer and producer surplus. (Self study)

UNIT IV: GAME Theory [15HRS]

Game Theory– Classification and Description of Games – Payoffs Matrix – Saddle Point Solution – Mixed Strategy – Dominated Strategies (Self study) – Graphical Method – Applications – Static & Dynamic Game with and without complete information – Prisoner's Dilemma Game Theory in action.

UNIT V: LINEAR PROGRAMMING & INPUT OUTPUT ANALYSIS [15HRS]

Introduction to Linear Programming Problem- Formulation of LPP Problem – Solution of LPP using graphical and simplex method. Solving LPP involving surplus variables (Self study) – Duality in LPP – Shadow prices.Input output analysis and technical coefficient.

UNIT VI- DYNAMISM & CURRENT AFFAIRS

Working out answers for TNPSC, UPSC, BANKS Exam question papers. Working out problems in Differentiation, Partial Differentiation, Interation, Game Theory and Linear Programming

TEXT BOOKS

1. Bose D.(2004). *Mathematical Methods*, Himalaya Publishing House, New Delhi.
2. Mehta .B.C&Madnani, (2005). *Mathematics for Economists*, S.Chand& Sons, New Delhi.

REFERENCE BOOKS

1. Allen .R.G.D.(2003). *Mathematical Methods for Economists*, A.I.T.B.S Publishers and Distributors, New Delhi.
2. Alpha .C. Chiang, (1994). *Fundamental Methods of Mathematics*, McGraw Hill International Book Company, Singapore.
3. Bose D. (2004). *Mathematical Methods*, Himalaya Publishing House, New Delhi.
4. Mehta .B.C&Madnani, (2005). *Mathematics for Economists*, S.Chand& Sons, New Delhi.
5. Mukherji, Badal and Pandit V.(1989). *Mathematical Methods for Economics Analysis*, Allied Publishers, Ahmedabad.

6. Gupta J.D.(1987). *Mathematics for Business and Economics*, Tata McGraw Hill, New Delhi.
7. Yamane T.(1968). *Mathematics for Economists*, Prentice Hall, Englewood Cliffs,NewJerssy.
8. Carl P. Simon and LawrenceBlume, (2006). *Mathematics for Economics*, W.W. Norton & Company New york – London Edition.
9. Jack Johnston John Dinardo (1997)*Economics Methods*, The McGraw – Hill companies Inc. New york–London Edition.
10. Dorfman,R. Samuelson,P& Solow, R.(1986) *Linear programming & economics analysis* International student edition, McGraw – Hill book company inc, New york – London Kogakasha company ltd Tokyo
11. Alpha C. Chiang, (1985). "Fundamental Methods of Mathematical Economics" McGraw – hill book company Humburg Edition
12. Monga .G.S.(2001). *Mathematics and Statistics for Economics*, Vikas Publishing House Pvt. Ltd., New Delhi.

COURSE CONTENTS & LECTURE SCHEDULE

Module No.	**Topic**	**No. of Lectures**	**Teaching Pedagogy**	**Teaching Aids**
UNIT -IDIFFERENTIATION				
1.1	Topic 1 Applications of Derivatives	5	Chalk & Talk	Black Board
1.1:1	Subtopics:		Chalk & Talk	
1.3	The Sign and magnitude of Derivative Average and Marginal Values –Application of the second derivative Finding maximum and minimum values .	5	Blended Method	PPT & White board
1.4	General problems of average and marginal values – point of inflexion		Lecture	
1.5	Market equilibrium-Perfect Competition monopoly and Duopoly in economic theory	5	Blended Method	Black Board

	–Economic applications of Derivatives .			
UNIT -IIPARTIAL DIFFERENTIATION				
2.1	Partial Derivatives and its applications: First and second order partial derivative – Economic applications of partial differentiation on elasticity demand, Homogenous functions	6	Lecture	Black Board and Charts
2.2	Euler's theorem- Cobb-Douglas production function-CES production function. Maxima and Minima for two variables. Profit maximization for discriminating monopoly – Properties of Cobb- Douglas production function and CES production function.	9	Blended Learning	Black Board
UNIT – IIIINTEGRATION				
3.1	Sub topics Integral Calculus – rules of integration indefinite and definite integrals -	6	Blended Learning	Black Board
3.2	substitution methods of integration - applications- integration as total function of economics marginal functions	4		Black Board
3.3	consumer and producer surplus	5		

UNIT IV - GAME THEORY				
4.1	Game Theory– Classification and Description of Games – Payoffs Matrix – Saddle Point Solution .	5	Blended Learning	Black Board
4.2	Mixed Strategy – Dominated Strategies – Graphical Method – Applications	3	Chalk & Talk	Black Board
4.3	Static & Dynamic Game with and without complete information – Prisoner's Dilemma Game Theory in action	7	Blended Method	Black Board
UNIT – VLINEAR PROGRAMMING				
5.1	Sub topics: Introduction to Linear Programming Problem- Formulation of LPP Problem – Solution of LPP using graphical and simplex method.	9	Blended Method	Black Board
5.3	Solving LPP involving surplus variables – Duality in LPP – Shadow prices.	6	Lecture	Black Board
UNIT VI DYNAMISM & CURRENT AFFAIRS				
6.1	Working out answers for TNPSC, UPSC, and BANK Exam question papers.			
6.2	Encouraging them to do logical reasoning and to have analytical thinking			

Levels	C1	C2	C3	C4	Total Scholastic Marks	Non Scholastic Marks C5	CIA Total	Percentage of Assessment
	Seminar 5 Mks.	Better of W1, W2 5Mks.	M1+M2 10 Mks	MID-SEM TEST 15 Mks	35 Mks.	5 Mks.	40 Mks.	
K2	5	-	-	2 ½	-		-	-
K3	-	5	4	2 ½	5		5	12.5
K4	-	-	3	5	12		12	30
K5	-	-	3	5	9		9	22.5
Non Scholastic	-	-	-	-	9		9	22.5
Total	5	5	10	15	35	5	40	100

CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
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- **PG CIA Components**

			Nos		
C1	-	Test (CIA 1)	1	-	10 Mks
C2	-	Test (CIA 2)	1	-	10 Mks
C3	-	Assignment	2 *	-	5 Mks
C4	-	Open Book Test/PPT	2 *	-	5 Mks
C5	-	Seminar	1	-	5 Mks
C6	-	Attendance		-	5 Mks

The best out of two will be taken into account

COURSE OUTCOMES

On the successful completion of the course, students will be able to:

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	Inculcating the Knowledge of Mathematical Application in Economics	K2	PSO1& PSO2
CO 2	Enable them to identify the significance of Mathematics in studying economics	K2, K3	PSO3

CO 3	Equipped them to adopt problem solving skills	K2, K4	PSO5
CO 4	Ensuring competency in clearing SET & NET Exams	K2, K3 & K4	PSO4
CO 5	Inculcating the Knowledge of Mathematical Application in Economics	K3& K5	PSO4

Mapping COs Consistency with PSOs

CO/ PSO	PSO 1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

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Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	2	3	3	2
CO3	3	3	2	3	3	2	3
CO4	3	2	3	3	3	1	3
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Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

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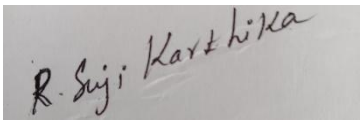
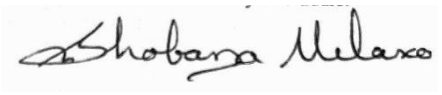
COURSE DESIGNER **FORWARDED BY**





DR.R.SUJI KARTHIKHA **DR.SHOBANA NELASCO**
HEAD OF THE DEPARTMENT

I MA

SEMESTER - II

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG2E7	FINANCIAL MARKETS	6	4

COURSE DESCRIPTION

Finance is the blood of business .it supports economic development industrial development and encourage Entrepreneurs growth.

COURSE OBJECTIVE/S

1. To equip them to face IES, IAS exams and NET exam
2. To equip students to apply their knowledge in stock market security market.
3. To make students aware of financial markets and its functions

A more detailed description of what will happen in the course, including topics to be covered.

UNIT I: INTRODUCTION **[15 HRS]**

Nature, Role and Structure of Financial System – Classification of Financial Institutions. Financial Markets – Classification – Financial Instruments and Services. Equilibrium in Financial Markets – Role of Financial System in Economic Development. Indian Financial System in the Post 1990'S – Indian Financial Sector (Self study)

UNIT II: BANKING INSTITUTIONS **[15 HRS]**

[a] Commercial Banking – Functions – Investment and Portfolio Management– Special Role of Banks – Other Aspects. Banking Innovations and Consortium Approach.

[b] Regulatory Institution: The RBI – Organization and Management – Functions and its role. Recent Policy Developments. (Self study)

UNIT III: NON-BANKING FINANCIAL INSTITUTIONS **[15 HRS]**

Small Savings – Types of Instruments. Insurance Companies – LIC – GIC – UTI and Mutual Fund – Organization – Structure – Types. Investment Pattern and Return on Investment – MMMFS – Miscellaneous NBFIs, Rural Financial Market(Self study)

UNIT IV: TYPES OF MARKETS **[15 HRS]**

Call Money Market – Treasury Bills Market – Commercial Bills Market – Commercial Paper and Certificate of Deposits – Discount Market – Financial Guarantees – Capital Market – Bond Market – Mortgage Market – Stock Market (Self study) - Equity Market – Gift Market- Derivative Securities Market.

UNIT V: STOCK EXCHANGES IN INDIA **[15 HRS]**

NSE – BSE – NIFTY – SENSEX – SEBI – Primary and Secondary Issues of Shares and Debentures – Latest Trends in Indian Financial Institutions and Market – Global Foreign Exchange Market - Exchange Rates and Currency Convertibility (Self study).

UNIT VI - DYNAMISM/CURRENT AFFAIR

Calculation of SENSEX Exchange rates RBI policy norms

Reference Books

1. L.M. Bhole, "Financial Institutions and Markets", Tata McGraw-Hill, 2005.

2. G.S. Batra and P.C. Dangural, "Financial Services – New Innovations", Deep and Deep Publications Pvt. Ltd, 2005.
3. S.K. Aggarwal, "Stock Markets and Financial Journalism" Shipra Publication,
   0. New Delhi, 1998
2. A.K. Sharma and G.S. Batra, "Indian Stock Market, Regulation, Performance & Policy Perspective", Deep and Deep Publications Pvt. Ltd, 2005.
3. Anthony Saunders, "Financial Markets and Institutions", Tata McGraw-Hill.
4. Peter S. Rose, "Money and Capital Markets – Financial Institutional & Instruments in a Global Market Place", [International Edition]
5. Day A.C.L., "Outlines of Monetary Economics", Oxford University Press, Amen House, London.
6. Johes, Chris "Financial economics" London, routledge, 2008.
7. Meggison&Gitman "Principles of corporate finance" Australia Thomson 2007.
8. ProforTorry "globalization and finance" Blackwell Publishers London 2005

DIGITAL OPEN EDUCATIONAL RESOURCES :

1. http://www.yourarticlelibrary.com/india-2/top-4-non-banking-financial-institutions-in-india-financial-management/69251
2. https://www.nirmalbang.com/knowledge-center/all-about-equity-market.html

COURSE CONTENTS &LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
	Unit -1 **INTRODUCTION**			
1.1	Nature, Role and Structure of Financial System – Classification of Financial Institutions.	4	Lecture	Black Board
1.1:1	Subtopics: Financial Markets – Classification	4	Video Lecture	Black Board
1.3	Financial Instruments and Services	3	Lecture	PPT
1.4	Equilibrium in Financial Markets	4	Video Lecture	online
	UNIT II: BANKING INSTITUTIONS			

2.1	Commercial Banking Functions	2	Lecture	Black Board
2.2	Investment and Portfolio Management	3	Google	online
2.3	Special Role of Banks	2	Flipped Learning	Online/ E-Content/
2.4	Banking Innovations and Consortium Approach.	2	Blended Learning	Books /Materials
2.5	] Regulatory Institution: The RBI	2	Lecture	Black Board
2.6	Organization and Management	2	Google	online
2.7	Functions and its role. Recent Policy Developments.	2	Flipped Learning	Online/ E-Content/
UNIT III:NON-BANKING FINANCIAL INSTITUTIONS				
3.1	Small Savings	1	Lecture	Black Board
3.2	Types of Instruments	2	Google	online
3.3	Insurance Companies – LIC	3	Flipped Learning	Online/ E-Content/
3.4	GIC – UTI	2	Flipped Learning	Online/ E-Content/
3.5	Mutual Fund – Organization – Structure – Types.	4	Blended Learning	E-Content/
3.6	Investment Pattern and Return on Investment – MMMFS	2	Lecture	Black Board
3.7	Rural Financial Market	1	Lecture	Black Board

UNIT IV: TYPES OF MARKETS				
	Call Money Market	2	Lecture	Black Board
	Treasury Bills Market – Commercial Bills Market	2	Lecture	Black Board
	Commercial Paper and Certificate of Deposits	2	Ppt	Online
	Discount Market	2	Ppt	online
	Financial Guarantees – Capital Market – Bond Market	3	video lecture	
	Mortgage Market – Stock Market-	2	video lecture	
	Equity Market Gift Market Derivative Securities Market.	2	Ppt	
UNIT V: STOCK EXCHANGES IN INDIA				
	NSE – BSE	3	Google	online
	NIFTY – SENSEX	3	Flipped Learning	Online/ E-Content/
	SEBI – Primary and Secondary Issues of Shares and Debentures	3	Flipped Learning	Online/ E-Content/
	Latest Trends in Indian Financial Institutions and Market	2		
	Global Foreign Exchange Market -	2	Google	online
	Exchange Rates and Currency Convertibility.	2	Google	online

Levels	C1	C2	C3	C4	Total Scholastic Marks	Non Scholastic Marks	CIA Total	Percentage of

						C5		Assessment
	Seminar 5 Mks.	Better of W1, W2 5Mks.	M1+ M2 10 Mks	MID -SEM TEST 15 Mks	35 Mks.	5 Mks.	40Mks.	
K2	5	-	-	2 ½	-		-	-
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Non Scholastic	-	-	-	-	9		9	22.5
Total	5	5	10	15	35	5	40	100

CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

- **PG CIA Components**

SCHOLASTIC			NON - SCHOLASTIC		MARKS
			Nos		
C1	-	Test (CIA 1)	1	-	10 Mks
C2	-	Test (CIA 2)	1	-	10 Mks
C3	-	Assignment	2 *	-	5 Mks
C4	-	Open Book Test/PPT	2 *	-	5 Mks
C5	-	Seminar	1	-	5 Mks
C6	-	Attendance		-	5 Mks

The best out of two will be taken into account

COURSE OUTCOMES

On the successful completion of the course, students will be able to:

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	To make the students to understand the Financial System	K2	PSO1& PSO2
CO 2	To make aware of Money Market and Indian Stock Exchange.	K2, K3	PSO3
CO 3	To equip them to face IES, IAS exams and NET exam	K2, K4	PSO5
CO 4	To know the latest technology of financial system evaluate the .merits and demerits of online trading	K2, K3 & K4	PSO4
CO 5	To calculate the SENSEX in Financial system.	K3& K5	PSO4

Mapping COs Consistency with PSOs

CO/ PSO	PSO1	PSO2	PSO3	PSO4	PSO5

CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3

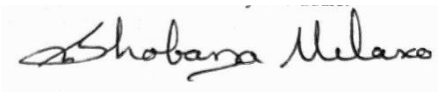
Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	2	3	3	2
CO3	3	3	2	3	3	2	3
CO4	3	2	3	3	3	1	3
CO5	3	3	3	1	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

COURSE DESIGNER **FORWARDED BY**



DR.P.ANITA

DR.SHOBANA NELASCO
HEAD OF THE DEPARTMENT

I MA

SEMESTER - II

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	**19PG2E8**	**COMPUTER APPLICATION FOR ECONOMISTS**	**6**	**4**

COURSE DESCRIPTION

A study on usage of softwares like Excel, SPSS, SQL server, EVIEWS& STATA

COURSE OBJECTIVE/S

1. To help the students in applying statistics for economic analysis.
2. To help the students to acquire knowledge of statistical softwares to pursue economic researches

UNIT I: DATA ANALYSIS USING SPSS (15 HRS)

Computations - Descriptives – Graphs and Diagrams- Correlation- Regression- ANOVA - Multiple Regression- Problems((Self study))

UNIT II SINGLE USER DBMS (15 HRS)

Excel: Simple arithmetic- Tables and Graphs –Formula- Trend line- Equation - forecasting Problems ((Self study)

UNIT III MULTI USER DBMS and basics of R (15 HRS)

Data base management using multi user system –an introduction , R Basics

UNIT IV:DATA ANALYSIS USING EVIEWS (15 HRS)

Descriptives- Correlation- Regression –Graph Problems ((Self study))

UNIT V: DATA ANALYSIS USING STATA (15 HRS)

Descriptives- Correlation- Regression –Graph Problems((Self study))

UNIT VI - DYNAMISM

Presentation of any one software - Presentation of solving problem using any software -Downloading any new software, installing and teaching that software -Usage of video and audio editing softwares and preparing short social videos -Internet usage

REFERENCE BOOKS

1. SPSS Software Manuel
2. Darren George and Paul Mallery – SPSS for Windows, Pearson Education
3. Kothari C.R. and Gaurav Garg Research Methodology-Methods and Techniques , New Age
4. Doing Data Analysis using SPSS , Centage Publishers.
5. Ronmansfield, “Working with MS office”, Tata Mc Graw Hill Publishing Ltd
6. Editorial Panel, “Step by Step MicroSoft Excel 2007”, MBD International Publishing.

DIGITAL OPEN EDUCATIONAL RESOURCES

1. https://www.uvm.edu
2. https://www.educba.edu
3. https://www.ibm.com

COURSE CONTENTS &LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
Unit -1	**DATA ANALYSIS USING SPSS**			
1.1	Computations and Descriptives	3	TV & Projector	Computers
1.2	Graphs and diagrams	2	TV & Projector	Computers
1.3	Correlation	2	TV & Projector	Computers
1.4	Regression – ANOVA	3	TV & Projector	Computers
1.5	Chi Square	2	TV & Projector	Computers
1.6	Multiple Regression	3	TV & Projector	Google classroom
UNIT II SINGLE USER DBMS				
2.1	Excel: Simple arithmetic	3	TV & Projector	Computers
2.2	Tables and Graphs	3	TV & Projector	Computers
2.3	Formula	3	TV & Projector	Computers
2.4	Trend line and equation	3	TV & Projector	Computers
2.5	Forecasting	3	TV & Projector	Computers
UNIT III MULTI USER DBMS and basics of R				
3.1	Data base management using multi user system – an introduction	4	TV & Projector	Computers
3:2	MYSQL Server	4	TV & Projector	Computers
3.3	R software Basic calculations	3	TV & Projector	Computers
UNIT IV: DATA ANALYSIS USING E VIEWS				
4.1	Descriptives	3	TV & Projector	Computers
4:2	Correlation	4	TV & Projector	Computers
4.3	Regression	4	TV & Projector	Computers
4.4	Graph	4	TV & Projector	Computers

UNIT V: DATA ANALYSIS USING STATA				
5.1	Descriptives		TV & Projector	Computers
5:2	Graph		TV & Projector	Computers
5.3	Correlation		TV & Projector	Computers
5.4	Regression		TV & Projector	Computers
Unit VI: DYNAMISM				
	Presentation of any one software		PPT presentation	LCD
	Presentation of solving problem using any software		PPT presentation	LCD
	Downloading any new software, installing and teaching that software		PPT presentation	LCD
	Usage of video and audio editing softwares and preparing short social videos		PPT presentation	LCD

Levels	C1	C2	C3	C4	Total Scholastic Marks	Non Scholastic Marks C5	CIA Total	Percentage of Assessment
	Seminar 5 Mks.	Better of W1, W2 5Mks.	M1+ M2 10 Mks	MID-SEM TEST 15 Mks	35 Mks.	5 Mks.	40Mks.	
K2	5	-	-	2 ½	-		-	-
K3	-	5	4	2 ½	5		5	12.5
K4	-	-	3	5	12		12	30
K5	-	-	3	5	9		9	22.5

Non Scholastic	-	-	-	-	**9**		**9**	**22.5**
Total	**5**	**5**	**10**	**15**	**35**	**5**	**40**	**100**

CIA	
Scholastic	**35**
Non Scholastic	**5**
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**CIA**	**ESE**	**Total**
10	**10**	**5**	**5**	**5**	**5**	**40**	**60**	**100**

- **PG CIA Components**

			Nos		
C1	-	Test (CIA 1)	1	-	10 Mks
C2	-	Test (CIA 2)	1	-	10 Mks
C3	-	Assignment	2 *	-	5 Mks
C4	-	Open Book Test/PPT	2 *	-	5 Mks
C5	-	Seminar	1	-	5 Mks
C6	-	Attendance		-	5 Mks

The best out of two will be taken into account

COURSE OUTCOMES

On the successful completion of the course, students will be able to:

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	Enable the Students to become technologically advanced	K2	PSO1& PSO2
CO 2	Acquire knowledge to handle research projects	K2, K3	PSO3
CO 3	Enhance employability skills in industries	K2, K4	PSO5
CO 4	Facilitate Research Analysis using their computer analytical knowledge	K2, K3 & K4	PSO4
CO 5	Promote placement opportunities in Big Business organizations	K3& K5	PSO4

Mapping COs Consistency with PSOs

CO/ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

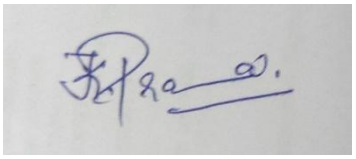
Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	2	3	3	2
CO3	3	3	2	3	3	2	3
CO4	3	2	3	3	3	1	3
CO5	3	3	3	1	3	3	3

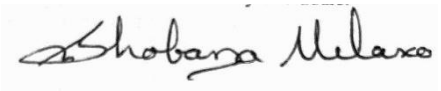
Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

COURSE DESIGNER **FORWARDED BY**



DR.K.PRAVEENA



DR.SHOBANA NELASCO
HEAD OF THE DEPARTMENT

II MA

SEMESTER - III

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	**19PG3E9**	**DEVELOPMENT ECONOMICS**	**6**	**4**

COURSE DESCRIPTION

This course deals with meaning and measurement of economic growth and development, growth theories and models also covers theories of foreign direct investment and foreign aid. The role of technological transfers and Brain train are investigated. This course analyses the cultural/social institutions, social-overhead capital, and poverty and income distribution.

COURSE OBJECTIVE/S

1. Enhance the knowledge of the students on classical and neo -classical models of growth which help them to appear for IES, IAS, NET, SET, JRF and other competitive examinations.
2. Enrich the knowledge of the students about the various theories of economic development.
3. Facilitate the students to analyse the role of State in Economic Development
4. Enable the students to understand the role of foreign Aid and foreign capital in Economic Development
5. study the importance of Technological development and Brain drain in the Global era.

UNIT I: MODELS OF ECONOMIC DEVELOPMENT [15HRS]

Growth and Development –Classical and Neo classical Approaches - Harrod / Domar Model and its application – Mahalanobis model – Joan Robinsons model – Kaldor and Meade model. - Amartya Sen's capability approach to economic development.

UNIT II: THEORIES OF GROWTH AND DEVELOPMENT [15 HRS]

The Vicious Circle Theory – The stages of Growth – Lewis Theory of Surplus -Surplus labour – Big Push – Balanced and Unbalanced growth – Critical Minimum effort – Low level of Equilibrium trap –The wage Goods Model - Solow's Theoretical Model.

UNIT III: STATE AND ECONOMIC DEVELOPMENT [15 HRS]

Creation Of Social and Economic Overheads - Agricultural Development – Industrial Development – Reduction Of Inequalities – Optimum Allocation Of Resources And Creation Of Full Employment – Development Oriented Economic Policies –Changes In Institutional Framework – State Participation In Economic Development.

UNIT IV: FOREIGN CAPITAL AND AID IN ECONOMIC DEVELOPMENT [15Hrs]

Types Of Foreign Capital - Role Of Foreign Aid – Case For Foreign Aid – Case Against Foreign Aid – Tied Vs Untied Aid – Factors Determining The Amount Of Foreign Aid For Economic Development – Aid Or Trade Two – gap model – A Critical Appraisal – Costs And Benefits Of Aid – Its Implications

UNIT V: HUMAN CAPITAL AND TECHNOLOGICAL DEVELOPMENT [15HRS]

Investment in education and health-**the human capital** approach-Education and Development(a) Social and Private benefits of education – (b) Women's education and development – Health system in development (a) health and productivity (b) Financing health system in developing economies. (c) Gender perspective in health care. Role Of Technology in Economic Development – Transfer of Technology to Underdeveloped Countries – Choice Of Appropriate Technology – Brain Drain – **Technological Development In India.**

UNIT VI - DYNAMISM/CURRENT AFFAIR:

Case study on impact of Technology on Agriculture, Analysis of Technological Development in India, Impact of Foreign Direct Investment on the Indian economy.

REFERENCE BOOKS:

1. R.K. Lekhi, "Economics of Growth Planning", Kalyani Publishers, New Delhi, 4th Edition, 1996.
2. K.R. Gupta, "Economics of Growth Planning", RamlalPury of Atma Ram &Sons, Delhi, 2nd Edition, 1971.
3. M.L. Jhingan, "Economics of Development and Planning", Konark Publishers Private Limited, Delhi, 26th Edition, 1993.
4. R.L. Goel, Meenakshi Prakashan, "Economics of Growth Planning", New Delhi, 5th Edition, [Revised & Enlarged],
5. K.D. Gaur, Sarup& Sons, "Economics of Growth Planning", New Delhi, 1st Edition 1995.
6. Taneja Myer " Economics of Development and Planning " Shoban Lal Nagin
   Chand & Co Jalandhar City -144004

DIGITAL OPEN EDUCATIONAL RESOURCES

1. https://www.eolss.net/sample-chapters/c02/E6-154-13-00.pdf
3. https://www.ajol.info/index.php/ad/article/view/190330
4. https://corporatefinanceinstitute.com/resources/knowledge/economics/theories-of-growth/
5. https://www.adb.org/publications/role-state-economic-development-theory-east-asian-experience-and-malaysian-case
6. https://link.springer.com/article/10.1007/s10663-019-09468-z

COURSE CONTENTS &LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
Unit -1 **MODELS OF ECONOMIC DEVELOPMENT**				
1.1	Growth and Development –Classical and Neo-classical Approaches - Harrod / Domar Model and its application – Mahalanobis model	8	Lecture	Black Board
1.1:1	Joan Robinsons model – Kaldor and Meade model. - Amarthya Sen's capability approach to economic development.	7	Lecture	LCD
UNIT II: THEORIES OF GROWTH AND DEVELOPMENT				
2.1	The Vicious Circle Theory – The stages of Growth – Lewis Theory of Surplus -Surplus labour – Big Push – Balanced and Unbalanced growth	8	Lecture	Smart Board
2.1.2	– Critical Minimum effort – Low level of Equilibrium trap –The wage Goods Model - Solow's Theoretical Model	7	Lecture	Black Board
UNIT III STATE AND ECONOMIC DEVELOPMENT				
3.1	Creation Of Social and Economic Overheads - Agricultural Development – Industrial Development – Reduction Of Inequalities – Optimum Allocation Of Resources And Creation Of Full Employment –	8	Lecture	Block board

3.2	– Development Oriented Economic Policies –Changes in Institutional Framework – State Participation In Economic Development.	7	Lecture	Black Board
Unit -IV : **FOREIGN CAPITAL AND AID IN ECONOMIC DEVELOPMENT**				
4.1	Types Of Foreign Capital - Role of Foreign Aid – Case For Foreign Aid – Case Against Foreign Aid	6	Lecture	White Board
4.2	– Tied Vs Untied Aid – Factors Determining the Amount Of Foreign Aid For Economic Development – Aid Or TradeTwo – gap model – A Critical Appraisal	5	Chalk & Talk	Black Board
4.3	Costs And Benefits Of Aid – Its Implications	4	Lecture	Text Books /Materials
UNIT V TECHNOLOGICAL CHANGE AND ECONOMIC DEVELOPMENT :				
5.1	Role Of Technology In Economic Development – Transfer Of Technology To Underdeveloped Countries	7	Lecture	Blo0ck Board
5.2	Choice Of Appropriate Technology – Brain Drain – Technological Development In India.		Lecture	Block Board
UNIT VI: DYNAMISM				
6.1	Impact of Technology on Agriculture			Case Study
6.2	Analysis of Technological Development In India			Analytical Skills

6.3	Impact of Foreign Direct Investment on the Indian economy			PPT

Levels	C1		C2	C3	C4	Total Scholastic Marks	Non Scholastic Marks C5	CIA Total	Percentage of Assessment
	Seminar 5 Mks.		Better of W1, W2 5Mks.	M1+ M2 10 Mks	MID-SEM TEST 15 Mks	35 Mks.	5 Mks.	40Mks.	
K2	5		-	-	2 ½	-		-	-
K3	-		5	4	2 ½	5		5	12.5
K4	-		-	3	5	12		12	30
K5	-		-	3	5	9		9	22.5
Non Scholastic	-		-	-	-	9		9	22.5
Total	5		5	10	15	35	5	40	100

CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

- **PG CIA Components**

			Nos		
C1	-	Test (CIA 1)	1	-	10 Mks
C2	-	Test (CIA 2)	1	-	10 Mks
C3	-	Assignment	2 *	-	5 Mks
C4	-	Open Book Test/PPT	2 *	-	5 Mks
C5	-	Seminar	1	-	5 Mks
C6	-	Attendance		-	5 Mks

The best out of two will be taken into account

COURSE OUTCOMES

On the successful completion of the course, students will be able to:

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	Discuss the models of Economics Development	K2	PSO1& PSO2
CO 2	Analyse the theories of Economics Development	K2, K3	PSO3

CO 3	Assess the role of state in Economic Development	K2, K4	PSO5
CO 4	Evaluate the impact of foreign capital and Foreign aid on Economic Development	K2, K3 & K4	PSO4
CO 5	Analyse the impact of Transfer of Technology and Brain drain	K3& K5	PSO4

Mapping COs Consistency with PSOs

CO/ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

Mapping COs Consistency with POs

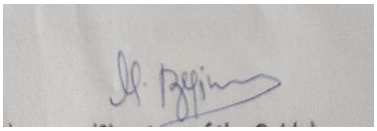
CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	2	3	3	2
CO3	3	3	2	3	3	2	3
CO4	3	2	3	3	3	1	3

CO5	3	3	3	1	3	3	3

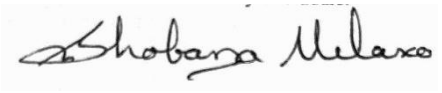
Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

COURSE DESIGNER **FORWARDED BY**



DR.M.REGINA MARY



DR.SHOBANA NELASCO
HEAD OF THE DEPARTMENT

II MA

SEMESTER - III

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG3E10	ECONOMETRICS	6	4

COURSE DESCRIPTION

The course provides an introduction to econometrics which concentrates on the understanding of basic concepts through explanation and example.

COURSE OBJECTIVE/S

Develop students' skills in the use of econometric techniques

To enable the students to acquire knowledge on accurate forecasting skills

To facilitate economics oriented exams like IES and other exams like IAS, NET etc

UNIT I: INTRODUCTION [15 HRS]

Definition of Econometrics - Econometrics and Mathematical economics, Econometrics and statistics -Scope and division of econometrics- **Methodology of Econometric research**- Types of Data: Time Series, Cross Section and Panel data - Stochastic and Non-stochastic Relations - Reason for inclusion of error term in econometric model - Properties of Least Squares Estimators [Theory only] -OLS-Assumptions.

UNIT II: SIMPLE & MULTIPLE REGRESSION ANALYSIS [15 HRS]

Simple Linear Regression Model: Functional Forms of Regression Models - Simple Problems in Simple Linear Regression. Multiple Regression Model: Estimation - Goodness of fit- R^2 and Adjusted R^2 - Application and Interpretation.

UNIT III: VIOLATIONS OF CLASSICAL ASSUMPTIONS: REGRESSION DIAGNOSTICS [15 HRS]

Autocorrelation – Meaning - Reasons for autocorrelation - Detection of Autocorrelation –Durbin Watson Test – Remedies, Heteroscedasticity - Reasons for heteroscedasticity - Tests for Heteroscedasticity – Goldfeld – Quandt test, Multicollinearity: Meaning - Reasons for Multicollinearity - Test for Detecting Multicollinearity.

UNIT IV: DYNAMIC ECONOMETRIC MODELS [15 HRS]

Autoregressive Model: Meaning - Distributed Lag Models: Meaning-Reasons for Lag: Estimation of Distributed Lag Model – The Kyock Approach.

UNIT V: DUMMY VARIABLES [15 HRS]

Nature of dummy variables- Use of dummy variables for measuring the shift of a function over time -. Use of dummy variables for measuring the change in parameters [slopes] over time - Use of dummy variables in seasonal analysis - **Probit, Logit and Tobit models.**

UNIT VI - DYNAMISM/CURRENTAFFAIR

A case study on application of econometric model in Primary, secondary and service sector - Application of econometric tools in their Empirical research project - Comprehensive Test.

REFERENCE BOOKS:

1. Badi H. Baltagi, "Econometrics", Springer publication, U.S.A., 2005.
2. Gujarati, Damodar N, "Basic Econometrics", MC Graw - Hill, International Edition, 2004.
3. Johnston J, "Econometric Methods", MC Graw - Hill, New York, 1984.
4. Koutsoyiannis, "A Theory of Econometrics", Harper & Row, New York, 2004.
5. Maddala G.S, "Introduction to Econometrics", John Wiley & Sons Ltd., 2005.
6. Madnani G.M.K, "Introduction to Econometrics" Oxford & IBH Publishing Co. Pvt. Ltd., 1994.
7. MethaMadani, "Econometrics", Oxford and IBH Publishing Co. Pvt. Ltd., New Delhi, 2001.
8. Singh, S.P, Parashar, A.K, and Singh, H.P., "Econometrics", S. Chand & Co. Pvt. Ltd., New Delhi, 1999.
9. S. Shyamala, "Econometrics Theory and Applications", Vishal Publishing Co., Jalandhar-Delhi,2009.

DIGITAL OPEN EDUCATIONAL RESOURCES :

1. https://www.econometrics-with-r.org/references.html
2. https://www.oreilly.com/library/view/introduction-to-linear/9780470542811/23_reference.html
3. Variables-Econometrics.pdf

COURSE CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
UNIT I: INTRODUCTION				
1.1	Definition of Econometrics	3	Lecture	Black Board
1.2	Econometrics and Mathematical economics Econometrics and statistics, Methodology of Econometric research	2	Lecture	PPT
1.3	Types of Data: Time Series, Cross Section and Panel data	4	Lecture	PPT & Black board

1.4	Stochastic and Non-stochastic Relations	3	Lecture	Smart Board
1.4.1	Reason for inclusion of error term in econometric model	2	Lecture	Black Board
1.4.2	Properties of Least Squares Estimators [Theory only]	2	Lecture	PPT
1.4.3	OLS-Assumptions.	2	Lecture	PPT
UNIT II: SIMPLE & MULTIPLE REGRESSION ANALYSIS				
2.1	Simple Linear Regression Model: Functional Forms of Regression Models	3	Lecture	Green Board Charts
2.1.1	Simple Problems in Simple Linear Regression.	4	Chalk & Talk	Green Board
2.2	Multiple Regression Model: Estimation -	4	Lecture/Chalk & Talk	Green Board
2.3	Goodness of fit- R^2 and Adjusted R^2 -	2	Lecture	Green Board
2.4	Application and Interpretation.	2	Lecture	Green Board
UNIT III: VIOLATIONS OF CLASSICAL ASSUMPTIONS: REGRESSION DIAGNOSTICS				
3.1	Autocorrelation – Meaning	1	Lecture/Chalk & Talk	Green Board & PPT
3.1.1	Reasons for autocorrelation - Detection of Autocorrelation	4	Lecture	Green Board & PPT
3.1.2	Durbin Watson Test – Remedies,	2	Lecture	Green Board
3.2	Heteroscedasticity - Reasons for heteroscedasticity	3	Lecture/Chalk & Talk	PPT & Green Board

3.2.1	Tests for Heteroscedasticity – Goldfeld and Quandt test	2	Lecture	Green Board
3.3	Multicollinearity: Meaning - Reasons for Multicollinearity	2	Lecture	Green Board & PPT
3.3.1	Test for Detecting Multicollinearity	1	Lecture/Chalk & Talk	Green Board
UNIT IV: DYNAMIC ECONOMETRIC MODELS				
4.1	Autoregressive Model: Meaning	3	Lecture	Green Board
4.2	Distributed Lag Models: Meaning	4	Lecture/Chalk & Talk	Green Board
4.2.1	Reasons for Lag	4	Lecture	Green Board
4.2.2	Estimation of Distributed Lag Model – The Kyock Approach.	4	Lecture/Chalk & Talk	Green Board
UNIT V: DUMMY VARIABLES				
5.1	Meaning and Nature of dummy variables	3	Lecture	PPT & Black board
5.2	Use of dummy variables for measuring the shift of a function over time.	4	Lecture	PPT & Black board
5.3	Use of dummy variables for measuring the change in parameters [slopes] over time	2	Lecture	PPT & Black board
5.4	Use of dummy variables in seasonal analysis	2	Lecture	PPT & Black board
5.5	Probit, Logit and Tobit models	4	Lecture	PPT & Black board
UNIT VI - DYNAMISM/CURRENTAFFAIR				
6.1	A case study on application of econometric model in Primary, secondary and service sector	-	Discussion	Black board

6.2	Application of econometric tools in their Empirical research project	-	Discussion	Mini research report
6.3	Comprehensive Test.	-	Written test	UGC NET/SET Books

Levels	C1	C2	C3	C4	Total Scholastic Marks	Non Scholastic Marks C5	CIA Total	Percentage of Assessment
	Seminar 5 Mks.	Better of W1, W2 5Mks.	M1+ M2 10 Mks	MID-SEM TEST 15 Mks	35 Mks.	5 Mks.	40Mks.	
K2	5	-	-	2 ½	-		-	-
K3	-	5	4	2 ½	5		5	12.5
K4	-	-	3	5	12		12	30
K5	-	-	3	5	9		9	22.5
Non Scholastic	-	-	-	-	9		9	22.5
Total	5	5	10	15	35	5	40	100

CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

- **PG CIA Components**

			Nos		
C1	-	Test (CIA 1)	1	-	10 Mks
C2	-	Test (CIA 2)	1	-	10 Mks
C3	-	Assignment	2 *	-	5 Mks
C4	-	Open Book Test/PPT	2 *	-	5 Mks
C5	-	Seminar	1	-	5 Mks
C6	-	Attendance		-	5 Mks

The best out of two will be taken into account

COURSE OUTCOMES

On the successful completion of the course, students will be able to:

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED	PSOs ADDRESSED

		BLOOM'S TAXONOMY)	
CO 1	Facilitate students familiar with the application of econometrics in Economic theory.	K2	PSO1
CO 2	Enable students to interpret and grasp the essentials of regression output to allow them to access journal articles	K2, K3	PSO4
CO 3	Demonstrate knowledge of regression analysis OLS	K2, K4	PSO2
CO 4	Appraise the problems associated with using OLS when classical assumptions are violated	K2, K3 & K4	PSO3
CO 5	Distinguish between different functional forms and justify which are appropriate for estimating economic models	K3& K5	PSO5

Mapping COs Consistency with PSOs

CO/ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	2	3	3	3
CO4	3	3	2	3	3
CO5	3	3	3	3	2

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

Mapping COs Consistency with POs

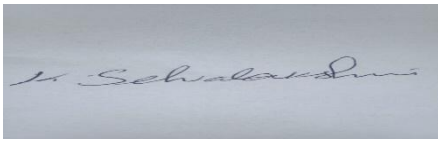
CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3

CO2	3	3	3	2	3	3	2
CO3	3	3	2	3	3	2	3
CO4	3	2	3	3	3	1	3
CO5	3	3	3	1	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

COURSE DESIGNER **FORWARDED BY**



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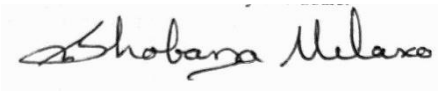


DR.SHOBANA NELASCO
HEAD OF THE DEPARTMENT

II MA

SEMESTER - III
(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS

PAEC	**19PG3E11**	**RESEARCH METHODOLOGY**	**6**	**5**

COURSE DESCRIPTION

The course titled Research Methodology offers the students the necessary research skills for developing research skills and ability.

COURSE OBJECTIVES

1. Students may gain knowledge in general definition of research design.

2. Students should know why educational research is undertaken, and the audiences that profit from research studies.

3. Able to identify the overall process of designing a research study from its inception to its report.

4. Students should be familiar with ethical issues in educational research, including those issues that arise in using quantitative and qualitative research.

5. Students may know the primary characteristics of quantitative research and qualitative research.

6. Students can be able to identify a research problem with suggestions.

UNIT I: NATURE OF RESEARCH [15 Hrs]

Meaning of Research- Objectives of Research - Significance of Research - Motivation in Research- Types of Research - Nature of Social Science Research – Research Methods in Social Science. – Criteria of Good Research -Problems Encountered by Researchers in India- Plagiarism check (Self Study)

UNIT II: RESEARCH PROBLEM AND RESEARCH DESIGN [15 Hrs]

Research Problem: Identification of the Problem – Formulation of the Problem- Criteria of a Good Research Problem. Role of Review of Literature. (Self Study)

Research Design: Meaning – Characteristics of a Good Research Design – Components of a Research Design – Types of Research Design.

UNIT III: METHODS OF DATA COLLECTION [15 Hrs]

Primary Data: Mailed Questionnaire, Schedules, Interview Method, Observation and Case Study. Merits and Demerits of Primary Sources. Garret ranking – Likert's Scale - Gini ratio – Factor Analysis – Swot Analysis.

Different Types of Sampling: Probability sampling, random, systematic, stratified, multistage or cluster sampling, Non Probability sampling; Purposive Judgment, quota and snowball sampling.

Secondary Data: Sources of Secondary Data– Merits & Demerits – Precautions in the use of Secondary Data. Census and Sample Survey – Criteria for Selecting a Sample Procedure.

UNIT IV: STATISTICAL INFERENCES [15 Hrs]

Random and Non-Random sampling Techniques, Statistics and Parameter – Confidence interval- Null and Alternative hypothesis – Type I Error and Type II Error, Level of Significance – Steps/Procedure in Testing of Hypothesis. Student t-test, Chow test, F-test, Z- test, Chi-squared test.

UNIT V: PROCESSING OF DATA AND REPORT WRITING [15 Hrs]

Data Processing – **Scaling Techniques** – Tabulation – Editing – Coding – Analysis and Interpretation of Data – Steps in Report Writing – Format for Research Report – Preliminary, Text, Reference Material – Foot Note, Index and Bibliography. (Self Study)

UNIT VI: DYNAMISM

Practical Evaluation Components using case study, Survey Reports and presentation (PPT or oral): 1. Seminar and presentation on practical research works

2. Doing individual project in research proposals

3, Collecting and writing review of articles with the above tools

REFERENCE BOOKS

1. Donald .H. Mc Burney, "Research Methods", Thomson-Wordsworth, 5th Edition, 2003.
2. Ghosh B.N., "Scientific Method & Social Research", Sterling PublishersPvt.Ltd., New Delhi, 4th Edition 1987.
3. Goode and Hatt, "Methods and Social Research", McGraw Hill International Book Company, 23rd Printing, 1983.
4. Gopal Lal Jain,"Research Methodology – Methods tools and Techniques", Mangal Deep Publications, Jaipur 1998.
5. Kothari C.R., "Research Methodology", New Age International Publishers, New Delhi,3rd reprint Edition, 2004.
6. Sadhu & Singh, "Research Methodology in Social Sciences", Himalaya Publishing House, Mumbai, 2nd Edition,1983.
7. Santosh Gupta, "Research Methodology and Statistical Techniques", Deep and Deep Publications, New Delhi, 2001.
8. Sonachalam K.S., "Research Methodology of Social Science", Emerald Publishers, Madras, 1988.
9. Yogesh Kumar Singh and Ruchikanath, "Research Methodology", A.P.H Publishing Corporation, New Delhi 2005.

10. O.R. Krishnaswamy and M. Ranganathan, "Methodology of Research in Social Sciences", Himalaya Publishing House, New Delhi, 2006.
11. Villiam .J. Good &paul k. methods in social research hattmcgraw hill international book company.Andrew J. Oswald "surveys in economics" black well oxford Uk Cambridge USA

OBER REFERENCES

1. https://www.slideshare.net/DVutkarsh/research-process-and-research-design

COURSE CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
UNIT I: NATURE OF RESEARCH				
1.1	Meaning of Research- Objectives of Research - Significance of Research	4	PPT and lecture	LCD
1.2	Motivation in Research- Types of Research	3	Lecture and You tube videos	Black board and LCD
1.3	Nature of Social Science Research - Research Methods in Social Science.	3	Lecture	Class room
1.4	Criteria of Good Research	2	PPT and lecture	LCD
1.5	Problems Encountered by Researchers in India.	2	PPT and lecture	LCD

1.6	**Plagiarism check**	**1**	**PPT and lecture**	**LCD**
UNIT: II RESEARCH PROBLEM AND RESEARCH DESIGN				
2.1	**Research Problem - Identification of the Problem**	**3**	**Class room lecture**	**black Board**
2.2	**Formulation of the Problem- Criteria of a Good Research Problem.**	**3**	**Class room lecture**	**black Board**
2.3	**Role of Review of Literature.**	**3**	**Class room lecture**	**Black Board**
2.4	**Research Design: Meaning – Characteristics of a Good Research Design**	**3**	**Class room lecture**	**Smart Board**
2.5	**Components of a Research Design - Types of Research Design.**	**3**	**Class room lecture**	**Smart board**
UNIT III: METHODS OF DATA COLLECTION				
3.1	**Primary Data Mailed Questionnaire, Schedules, Interview Method, Observation and Case Study.**	**3**	**Lecture and discussio n**	**Smart Board**
3.2	**Merits and Demerits of Primary Sources.**	**1**	**Lecture**	**Smart Board**

3.3	**Garret ranking – Likert's Scale - Gini ratio – Factor Analysis – Swot Analysis.**	**2**	**Lecture**	**Black Board**
3.4	**Different Types of Sampling.** Probability sampling, random, systematic, stratified, multistage or cluster sampling, Non Probability sampling; Purposive Judgment, quota and snowball sampling.	**4**	**Lecture**	**Smart Board**
3.5	**Secondary Data: Sources of Secondary Data– Merits & Demerits – Precautions in the use of Secondary Data.**	**3**	**Lecture**	**Smart Board**
3.6	**Census and Sample Survey — Criteria for Selecting a Sample Procedure**	**2**	**Lecture**	**Black Board**
UNIT IV: STATISTICAL INFERENCES				
4.1	**Random and Non-Random sampling Techniques, Statistics and Parameter**	**4**	**Lecture**	**Smart Board**
4.2	**Confidence interval- Null and Alternative hypothesis – Type I Error and Type II Error, Level of Significance**	**5**	**Lecture**	**Smart Board**

4.3	**Steps/Procedure in Testing of Hypothesis. Student t-test, Chow test, F-test, Z- test, Chi-squared test.**	**6**	**Lecture**	**Black Board**
UNIT V: PROCESSING OF DATA AND REPORT WRITING				
5.1	**Data Processing – Scaling Techniques –Analysis and Interpretation of Data –Format for Research Report**	**4**	**Lecture**	**Black board**
5.2	**Tabulation – Editing – Coding- Analysis and Interpretation of Data**	**4**	**Lecture**	**Black board**
5.3	**Steps in Report Writing - Format for Research Report**	**4**	**Lecture**	**Black board**
5.4	**Preliminary, Text, Reference Material – Foot Note, Index and Bibliography.**	**3**	**Lecture**	**Black board**
UNIT – VI DYNAMISM				
	1. Seminar and presentation on practical research works			
	2. Doing individual project in research proposals			

	3, Collecting and writing review of articles with the above tools			

Levels	**C1**	**C2**	**C3**	**C4**	**Total Scholastic Marks**	Non Scholastic Marks **C5**	**CIA Total**	**Percentage of Assessment**
	Seminar **5 Mks.**	**Better of W1, W2** **5 Mks.**	**M1+M2** 10 Mks	**MID-SEMTEST** 15 Mks	**35 Mks.**	**5 Mks.**	**40 Mks.**	
K2	**5**	**-**	**-**	**2½**	**-**		**-**	**-**
K3	**-**	**5**	**4**	**2½**	**5**		**5**	**12.5**
K4	**-**	**-**	**3**	**5**	**12**		**12**	**30**

K5	-	-	3	5	9		9	22.5
Non Scholastic	-	-	-	-	9		9	22.5
Total	5	5	10	15	35	5	40	100

CIA	
Scholastic	**35**
Non Scholastic	**5**
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

PG CIA Components

C1 - Test (CIA 1) – 1 - 10 Mks

C2 - Test (CIA 2) - 1 - 10 Mks

C3 –Assignment -2 * - 5 Mks

C4-Open Book Test/PPT - 2 * - 5 Mks

C5 –Seminar -1 - 5 Mks

C6-Attendance - 5 Mks

The best out of two will be taken into account

COURSE OUTCOMES

On the successful completion of the course, students will be able to:

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	Understand some basic concepts of research and its methodologies	K2	PSO1
CO 2	Identify appropriate research topics and Select and define appropriate research problem and parameters	K2, K3	PSO2
CO 3	Prepare a project proposal (to undertake a project)	K2, K4	PSO5
CO 4	Organize and conduct research (advanced project) in a more appropriate manner	K2, K3 & K4	PSO3
CO 5	Write a research report and thesis and proposal for grant and assess critically the case study, structured surveys, interviews, report writing research methods	K3& K5	PSO4

Mapping COs Consistency with PSOs

CO/ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3

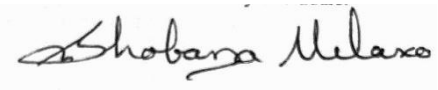
Note: ¨ Strongly Correlated – **3** ¨ Moderately Correlated – **2**

¨ Weakly Correlated -**1**

Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3
CO4	3	3	3	3	3	3	3
CO5	3	3	3	3	3	3	3

COURSE DESIGNER **FORWARDED BY**



DR.P.ANITA **DR.SHOBANA NELASCO**
HEAD OF THE DEPARTMENT

III SEMESTER

II MA ECONOMICS

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	22PG3EA12	INTERNATIONAL ECONOMICS	6	5

COURSE DESCRIPTION

Finance is the blood of business it supports economic development industrial development and self help group

COURSE OBJECTIVE/S

1. To understand some important and core issues of Finance
2. to improve the knowledge on stock market
3. To enlighten them on self help group.
4. To develop understanding of the key concepts of financial markets and their relevance in the business settings
5. To equip them to face IES, IAS exams and NET exam
6. To equip students to apply their knowledge in stock market security market.
7. To make students aware of financial markets and its functions

UNIT I:THEORIES OF INTERNATIONAL ECONOMICS [15 Hrs]

Absolute cost theory of Smith - Comparative Cost theory of Ricardo's –Heckscher- Ohlin Theorem – Reciprocal Demand – Opportunity cost theory - Foreign Trade Multiplier -India's position in the international level - International Rating Agencies and their ranking of India in the international level.

UNIT: II BALANCE OF TRADE AND FOREIGN EXCHANGE [15 Hrs]

Import and Export - - India's foreign trade: Composition of Trade - Direction of trade Trend of import and export - Foreign Exchange Reserves - Foreign Exchange Market – Foreign Exchange rate – Determination of exchange rate – Mint parity theory

UNIT: III BALANCE OF PAYMENT [15 Hrs]

Structure of Balance of payments Accounts -Purchasing power parity theory – Balance of payment theory- Disequilibrium and measures to correct disequilibria - FDI – FII- NRI - . India's External borrowing

UNIT IV: ECONOMIC INTEGRATION [15 hrs]

Customs union - Trade Blocks - Eurocurrency market – European Union – European Economic Community – ASEAN – SAARC – SAPTA – SAFTA – BRICKS.

UNIT V : INTERNATIONAL FINANCIAL INSTITUTIONS [15 hrs]

IMF- IBRD and its affiliates IDA-IFC - ADB- UNCTAD – GATT –WTO TRIPS, TRIMS

UNIT VI - DYNAMISM/CURRENT AFFAIR

India ranking for various international indicators- Trends in India's balance of payment and trade- Study on international disputes - Analysis of India's Balance of Payment- Case studies on Intellectual property Rights, Pattern and Growth of Foreign Direct Investment

REFERENCE BOOKS:

1. M.L. Jhingan, "International Economics", Vrinda Publications Pvt. Ltd., Delhi, 2006.
2. Francis Cherunilam, "International Economics", Tata McGraw-hill Publishing Company Ltd., New Delhi, 2013.
3. K.R. Gupta, "International Economics", Atman ram and sons, Delhi,1978.
4. Jeevanandham, Victor Louis, Kalyani, Padma, Hemavathi, "International Economics", Sultan Chand & Sons, New Delhi,2001.
5. Krugman, Paul &MauticeObstfeed, "International Economics", Addison Wesley, 1999.
6. H.G. Mannur, "International Economics", Vikas Publishing Pvt. Ltd., Mumbai,1995.
7. M. N. Mishra, "Money Banking & International Trade", Chand & Company Ltd., New Delhi, 1989.
8. D.M. Mithani, "International Economics", Himalaya Publishing House, New Delhi, 1993.
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1. https://www.jstor.org/stable/2300656
2. https://www.economicsdiscussion.net/economic-development/theories-economic-development/adam-smiths-theory-of-economic-development-economics/30039
3. https://www.investopedia.com/terms/f/foreign-exchange.asp

4. https://www.economicsdiscussion.net/foreign-exchange-rate-2/determination-foreign-exchange-rate-2/foreign-exchange-rate-meaning-and-its-determination/11952

COURSE CONTENTS &LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
UNIT I:THEORIES OF INTERNATIONAL ECONOMICS				
1.1	Absolute cost theory of Smith - Comparative Cost theory of Ricardo's –-	2	Chalk & Talk	Black Board
1.1:1	Heckscher- Ohlin Theorem –	3	Chalk & Talk	Black Board
1.3	Reciprocal Demand – Opportunity cost theory	2	Lecture	PPT
1.4	Foreign Trade Multiplier -	2	Video Lecture	online
1.6	India's position in the international level -	2	Chalk & Talk	Black Board
1.7	International Rating Agencies and their ranking of India in the international level.	2		
UNIT: II BALANCE OF TRADE AND FOREIGN EXCHANGE				
2.1	Import and Export	2	Lecture	Black Board
2.2	India's foreign trade: Composition of Trade	2	Google	online
2.3	Direction of trade Trend of import and export	2	Flipped Learning	Online/ E-Content/

2.4	Foreign Exchange Reserves -	2	Blended Learning	Online/ E-Content/ Text Books /Materials / Field Visit/
	Foreign Exchange Market–	2	Lecture	Black Board
	Foreign Exchange rate – Determination of exchange rate	2	Google	online
	Mint parity theory	3	Flipped Learning	Online/ E-Content/
UNIT: III BALANCE OF PAYMENT				
3.1	Structure of Balance of payments Accounts -	1	Lecture	Black Board
3.2	Purchasing power parity theory –	2	Google	online
3.3	Balance of payment theory-	3	Flipped Learning	Online/ E-Content/
3.4	Disequilibrium and measures to correct disequilibria	2	Flipped Learning	Online/ E-Content/
3.5	FDI	4	Blended Learning	Online/ E-Content/ Text Books /Materials
3.6	FII- NRI	2	Lecture	Black Board
3.7	India's External borrowing	1	Lecture	Black Board
UNIT IV: ECONOMIC INTEGRATION				

4.1	Customs union Trade Blocks	2	Lecture	Black Board
4.2	Eurocurrency market – European Union	2	Lecture	Black Board
4.3	European Economic Community – ASEAN – SAARC	2	ppt	Online
4.4	SAPTA – SAFTA – BRICKS.	2	ppt	online
UNIT V : INTERNATIONAL FINANCIAL INSTITUTIONS				
5.1	IMF	3	Google	online
5.2	IBRD and its affiliates	2	Flipped Learning	Online/ E-Content/
5.3	IDA	3	Flipped Learning	Online/ E-Content/
5.4	IFC - ADB	2		
5.5	UNCTAD	2	Google	online
5.6	GATT –WTO	2	Google	online
5.7	TRIPS, TRIMS	1	Google	online
UNIT VI - DYNAMISM/CURRENTAFFAIR				
6.1	India ranking for various international indicators- Trends in India's balance of payment and trade- Study on international disputes -			
6.2	Analysis of India's Balance of Payment- Case studies on Intellectual property Rights, Pattern and Growth of Foreign Direct Investment			

Levels	C1	C2	C3	C4	Total Scholastic Marks	Non Scholastic Marks C5	CIA Total	Percentage of Assessment

	Seminar 5 Mks.	Better of W1, W2 5Mks.	M1+ M2 10 Mks	MID-SEM TEST 15 Mks	35 Mks.	5 Mks.	40Mks.	
K2	5	-	-	2 ½	-		-	-
K3	-	5	4	2 ½	5		5	12.5
K4	-	-	3	5	12		12	30
K5	-	-	3	5	9		9	22.5
Non Scholastic	-	-	-	-	9		9	22.5
Total	5	5	10	15	35	5	40	100

CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

- **PG CIA Components**

			Nos		
C1	-	Test (CIA 1)	1	-	10 Mks
C2	-	Test (CIA 2)	1	-	10 Mks
C3	-	Assignment	2 *	-	5 Mks
C4	-	Open Book Test/PPT	2 *	-	5 Mks
C5	-	Seminar	1	-	5 Mks
C6	-	Attendance		-	5 Mks

The best out of two will be taken into account

COURSE OUTCOMES

On the successful completion of the course, students will be able to:

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	To make the students to understand the Financial System	K2	PSO1& PSO2
CO 2	To make aware of Money Market and Indian Stock Exchange.	K2, K3	PSO3
CO 3	. To equip them to face IES, IAS exams and NET exam	K2, K4	PSO5
CO 4	To know the latest technology of financial system evaluate the merits and demerits of online trading	K2, K3 & K4	PSO4
CO 5	To know the concept of financial Inclusion.	K3& K5	PSO4

Mapping COs Consistency with PSOs

CO/ PSO	PSO1	PSO2	PSO3	PSO4	PSO5

CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

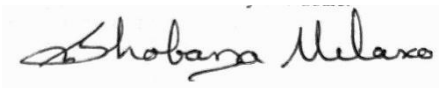
Mapping COs Consistency with POs

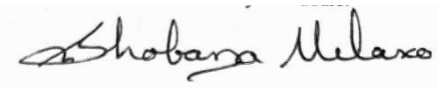
CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	2	3	3	2
CO3	3	3	2	3	3	2	3
CO4	3	2	3	3	3	1	3
CO5	3	3	3	1	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

COURSE DESIGNER **FORWARDED BY**





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HEAD OF THE DEPARTMENT

IV SEMESTER

II MA ECONOMICS

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG4E13	INDIAN FISCAL SYSTEM	6	5

COURSE DESCRIPTION

This course examines the subject matter of Fiscal economics, Budget and Deficit financing. It emphasizes the problems of Allocation of resources between the Centre-state and local bodies.

COURSE OBJECTIVE/S

1. Explain the students about Indian Fiscal System.
2. create awareness about the major items of public Expenditure and the reasons for the growth of Public Expenditure.
3. Facilitate the students to analyse the growth and trends in India's Public debt.
4. Enable the students to understand the functioning of Federal finance and Local finance.
5. Analyse the current Budget and the role of fiscal policy in the economic development of UDCs.

UNIT I: PUBLIC REVENUE **[15 HRS]**

Tax Structure and **working of fiscal federalism in India**, IUEP and Tax structure – VAT – Merits and Demerits – **GST - Design– Implementation and impact –** Presumptive Taxation - Black Money & Taxation(Self Study)

UNIT II: PUBLIC EXPENDITURE **[15 HRS]**

Theories of Public Expenditure – Musgrave – Wagner –Peacock Development & Non-Development expenditure – Plan and Non-Plan expenditure – Major items of expenditure of Centre & State – Growth of Public Expenditure – causes for the growth of deficit- NEP and Expenditure Reforms. (Self Study)

UNIT III: III PUBLIC DEBT **[15 HRS]**

India's Public Debt – Role -Growth – Burden (Self Study) –effects- Problems – Evaluation of debt policy. Public Debt Management – Debt redemption measures.

UNIT IV: IV FEDERAL FINANCE & LOCAL FINANCE [15 HRS]

Principles of Federal finance - Distribution of financial resources under XI & XII Finance Commission- latest finance commission – Problems in Centre state financial relationship- Local finance (Self Study) - Functions and sources of revenue – measures to improve local finance. Measures to solve Problem (Self Study)

UNIT V: BUDGET & FISCAL POLICY [15 Hrs]

Budget-Meaning-types-Preparation and presentation-budget deficit and deficit financing - Measures to check deficit financing –Evaluation of latest budget – Fiscal Policy and Economic Development - India's fiscal policy – Evaluation of fiscal policy. (Self Study)

UNIT VI DYNAMISM / CURRENT AFFAIR [15 HRS]

Trends in India's Public expenditure/Taxation, Trends in India's Public Debt,Analyse the current budget Income and Expenditure of Madurai corporation /Municipalities/Punchayat

REFERENCE BOOKS:

1. H.L. Bhatia," Public Finance", Vikas Publishing House Private Limited,New Delhi,27th Revised Edition,2017.
2. V.G. Mankar, "Public Finance [Theory and Practice]", Himalaya Publishing House, Bombay, 1st Edition, 1992
3. D.M. Mithani, "Modern Public Finance [Theory and Practice]", Himalaya Publishing House, Bombay, 1st Edition, 2014
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5. P.N. Varsney and D. K. Mital, "Indian Financial system", Sultan Chant & Sons., New Delhi, Edition 2004.

DIGITAL OPEN EDUCATIONAL RESOURCES

1. www.blogcatalog.com
2. www.oecd.org
3. www.doi.wiley.com

COURSE CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
	Unit -1 **PUBLIC REVENUE**			
1.1	India's Tax Structure – aspects – Evaluation. New economic Policy & Tax structure – Taxation of Services.	8	Lecture	Black Board
1.1:1	Presumptive Taxation – Black Money & Taxation, VAT	7	Lecture	LCD

UNIT II PUBLICEXPENDITURE				
2.1	Development & Non-Development expenditure – Plan and Non-Plan expenditure –items of expenditure of Centre & State	8	Lecture	PPT & White board
	Growth of Public Expenditure – causes for the growth of deficit-NEP and Expenditure Reforms	7	Lecture	Black Board
UNIT III :PUBLIC DEBT				
3.1	India's Public Debt – Role - Growth – Burden –effects- Problems	8	Lecture	Black Board
3.1.1	Evaluation of debt policy. Public Debt Management – Debt redemption measures	7		Black Board
UNIT -IV FEDERAL FINANCE & LOCAL FINANCE :				
4.1	Principles of Federal finance--Distribution of financial resources under XI&XII Finance Commission-latest finance commission – Problems in Centre state financial relationship	8	Lecture	Block Board
	Local finance-Functions and sources of revenue – measures to improve local finance.	7	Chalk &Talk	Block Board
	UNIT V: **BUDGET &FISCAL POLICY**			
5.1	Budget-Meaning-types-Preparation and presentation-budget deficit and deficit financing - Measures to check deficit financing	7		Block Board
5.2	Evaluation of latest budget – Fiscal Policy and Economic Development -	8		Block Board

	India's fiscal policy – evaluation of fiscal policy.			
UNIT VI - DYNAMISM				
6.1	Trends in India's Public expenditure/Taxation			Analytical Skills
6.2	Trends in India's Public Debt			Analytical Skills
6.3	current budget Income and Expenditure of Madurai corporation /Municipalities/Punchayat			Case Study

Levels	C1		C2	C3	C4	~~Total~~ Scholastic Marks	Non Scholastic Marks C5	CIA Total	Percentage of Assessment
	Seminar 5 Mks.		Better of W1, W2 5Mks.	M1+ M2 10 Mks	MID-SEM TEST 15 Mks	35 Mks.	5 Mks.	40Mks.	
K2	5		-	-	2 ½	-		-	-
K3	-		5	4	2 ½	5		5	12.5
K4	-		-	3	5	12		12	30
K5	-		-	3	5	9		9	22.5
Non Scholastic	-		-	-	-	9		9	22.5
Total	5		5	10	15	35	5	40	100

CIA	
Scholastic	**35**

Non Scholastic	**5**
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

- **PG CIA Components**

				Nos		
C1	-	Test (CIA 1)		1	-	10 Mks
C2	-	Test (CIA 2)		1	-	10 Mks
C3	-	Assignment		2 *	-	5 Mks
C4	-	Open Book Test/PPT		2 *	-	5 Mks
C5	-	Seminar		1	-	5 Mks
C6	-	Attendance			-	5 Mks

The best out of two will be taken into account

COURSE OUTCOMES

On the successful completion of the course, students will be able to:

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED	PSOs ADDRESSED

		BLOOM'S TAXONOMY)	
CO 1	Asses India's Tax Structure, VAT and GST	K2	PSO1& PSO2
CO 2	Identify the Causes and growth of Public Expenditure and measures to reduce the same.	K2, K3	PSO3
CO 3	Analyse India's Debt position, Debt management and Debt policy.	K2, K4	PSO5
CO 4	Discuss the Centre, State and Local financial Relationships and to identify the Problems and Measures to improve their Relationship.	K2, K3 & K4	PSO4
CO 5	Evaluate Latest Budget, Deficit financing and Fiscal Policy.	K3& K5	PSO4

Mapping COs Consistency with PSOs

CO/ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

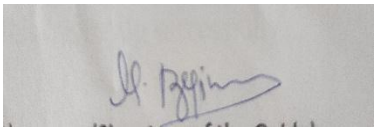
Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	2	3	3	2
CO3	3	3	2	3	3	2	3
CO4	3	2	3	3	3	1	3
CO5	3	3	3	1	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

COURSE DESIGNER **FORWARDED BY**



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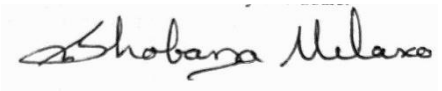


DR.SHOBANA NELASCO
HEAD OF THE DEPARTMENT

IV SEMESTER

II MA ECONOMICS

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG4E14	INTERNATIONAL ECONOMICS	6	5

COURSE DESCRIPTION

The study of domestic and international trade, market inter country and inter country agreements. It studies about the international financial institutions IMF, WTO, and so on.

COURSE OBJECTIVE/S

1. To Provide insight into the theories of the subject
2. To inculcate knowledge of global trade

UNIT I:THEORIES OF INTERNATIONAL ECONOMICS [15 HRS]

Absolute cost theory of Smith - Comparative Cost theory of Ricardo's –Heckscher- Ohlin Theorem – Reciprocal Demand – Opportunity cost theory. **The Stopler- Samuelson Theorem and the Rybezynski Theorem**

UNIT: II BALANCE OF PAYMENT & TRADE [15 Hrs]

Structure of Balance of payments Accounts -Disequilibrium and measures to correct disequilibria - FDI – FII- NRI - Foreign Exchange, Reserves, Foreign Exchange Market – Foreign Exchange rate – Determination of exchange rate – Mint parity theory - Purchasing power parity theory – Balance of payment theory. Foreign Trade Multiplier

UNITIV: ECONOMIC INTEGRATION [15 hrs]

Customs union - Trade Blocks - Eurocurrency market – European Union – European Economic Community – ASEAN – SAARC – SAPTA – SAFTA – BRICKS.

UNIT IV : INTERNATIONAL FINANCIAL INSTITUTIONS [15 hrs]

IMF- IBRD and its affiliates IDA-IFC - ADB- UNCTAD – GATT –WTO TRIPS, TRIMS.

UNIT V INDIA'S POSITION AT INTERNATIONAL LEVEL [15hrs]

India's foreign trade: Composition, Trend –- India's External borrowing- Foreign exchange risk – sources of foreign exchange risk – types of exchange rate risk. India's position in the international level - International Rating Agencies and their ranking of India in the international level.

UNIT VI - DYNAMISM / CURRENT AFFAIR

Trends in India's Public expenditure/Taxation - Trends in India's Public Debt -Analyse the current budget - Income and Expenditure of Madurai corporation/Municipalities/Local Government

REFERENCE BOOKS:

1. Francis Cherunilam, "International Economics", Tata McGraw-hill Publishing Company Ltd., New Delhi, 2013.
2. K.R. Gupta, "International Economics", Atman ram and sons, Delhi,1978.
3. Jeevanandham, Victor Louis, Kalyani, Padma, Hemavathi, "International Economics", Sultan Chand & Sons, New Delhi,2001.
4. Krugman, Paul &MauticeObstfeed, "International Economics", Addison Wesley, 1999.
5. H.G. Mannur, "International Economics", Vikas Publishing Pvt. Ltd., Mumbai,1995.
6. M. N. Mishra, "Money Banking & International Trade", Chand & Company Ltd., New Delhi, 1989.
7. D.M. Mithani, "International Economics", Himalaya Publishing House, New Delhi, 1993.
8. M.L. Jhingan, "International Economics", Vrinda Publications Pvt. Ltd., Delhi, 2006.

COURSE CONTENTS &LECTURE SCHEDULE

Module No.	**Topic**	**No. of Lectures**	**Teaching Pedagogy**	**Teaching Aids**
UNIT -1THEORIES OF INTERNATIONAL ECONOMICS				
1.1	Absolute cost theory of Smith	3	Discussion	Black Board
1.1.1	Comparative Cost theory of Ricardo's	3	Chalk & Talk	LCD
1.2.	Heckscher- Ohlin Theorem	3	Lecture	PPT & White board
1.3	Reciprocal Demand	4	Lecture	Black Board
1.4	Opportunity cost theory	2	Lecture	Black Board
UNIT -2BALANCE OF PAYMENT &TRADE				
2.1	Structure of Balance of payments Accounts	2	Lecture	Black Board
2.2	Disequilibrium and measures to correct disequilibria	2	Chalk & Talk	LCD

2.2.1	FDI – FII- NRI	2	Chalk & Talk	PPT
2.2.2	Foreign Exchange, Reserves, Foreign Exchange Market	2	Lecture	Black Board/
2.2.3	Foreign Exchange rate – Determination of exchange rate.	2	Lecture, Discussion,	PPT, LCD
2.3	Mint parity theory	2	Lecture,	Black Board
2.3.1	Purchasing power parity theory	1	Discussion, Chalk & Talk	LCD, Black Board
	Balance of payment theory.	1		
	Foreign Exchange Reserves	1		
UNIT – 3 ECONOMIC INTEGRATION				
3.1	Customs union	1	Chalk & Talk, Discussion	Black Board & LCD
3.2	Trade Blocks - Eurocurrency market	2	Lecture , Chalk & Talk	PPT, Black Board
3.3	European Union	2	Discussion, Lecture	PPT, LCD
3.3.1	European Economic Community	1	Lecture	Black Board
3.1	ASEAN	2	Lecture	LCD
	SAARC	2	Discussion	Black Board & LCD
	SAPTA	2	Lecture ,	PPT, Black Board
	SAFTA	2	Discussion, Lecture	PPT, LCD

	BRICKS	1	Lecture	Black Board
Unit – V INTERNATIONAL FINANCIAL INSTITUTIONS				
4.1	IMF	2	Lecture	Black Board & LCD
4.1.1	IBRD and its affiliates	2	Lecture	PPT, Black Board
4.1.2	IDA	2	Lecture	PPT, LCD
4.2	IFC	1	Lecture	PPT, LCD
4.3	ADB	1	Lecture	PPT, Black Board
4.4	UNCTAD	2	Lecture	PPT, LCD
4.5	WTO	2	Lecture	PPT, LCD
4.6	TRIPS	2	Lecture	PPT, LCD
4.7	TRIMS	1	Lecture	PPT, LCD
UNIT – V INDIA'S POSTION AT INTERNATIONAL LEVEL				
5.1	India's foreign trade: Composition, Trend	2	Lecture, Discussion	PPT, LCD
5.2	India's balance of payment	2	Chalk &Talk	Black Board
5.3	India's FDI and FPI-	2	Lecture	PPT
5.4	India's External borrowing	2	Lecture, Discussion	PPT, LCD
5.5	NRI earnings	2	Chalk & Talk	Black Board
5.6	Foreign exchange reserves in India.	2	Lecture	PPT
5.7	India's position in the international level	1	Lecture, Discussion,	PPT, LCD

5.8	International Rating Agencies and their ranking of India in the international level.	2	discussion	LCD
Unit – V DYNAMISM/CURRENTAFFAIR				
	Trends in India's Public expenditure/Taxation Analyse the current budget			Students report submission in google class rooms
	Trends in India's Public Debt			Students PPT Posting in class room
	Income and Expenditure of Madurai corporation/Municipalities/Local Government			Students report submission in class

Levels	C1	C2	C3	C4	Total Scholastic Marks	Non Scholastic Marks C5	CIA Total	Percentage of Assessment
	Seminar 5 Mks.	Better of W1, W2 5Mks.	M1+ M2 10 Mks	MID-SEM TEST 15 Mks	35 Mks.	5 Mks.	40Mks.	
K2	5	-	-	2 ½	-		-	-
K3	-	5	4	2 ½	5		5	12.5
K4	-	-	3	5	12		12	30

K5	-	-	**3**	**5**	**9**		**9**	**22.5**
Non Scholastic	-	-	-	-	**9**		**9**	**22.5**
Total	**5**	**5**	**10**	**15**	**35**	**5**	**40**	**100**

CIA	
Scholastic	**35**
Non Scholastic	**5**
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**CIA**	**ESE**	**Total**
10	**10**	**5**	**5**	**5**	**5**	**40**	**60**	**100**

- **PG CIA Components**

			Nos		
C1	-	Test (CIA 1)	1	-	10 Mks
C2	-	Test (CIA 2)	1	-	10 Mks
C3	-	Assignment	2 *	-	5 Mks
C4	-	Open Book Test/PPT	2 *	-	5 Mks
C5	-	Seminar	1	-	5 Mks
C6	-	Attendance		-	5 Mks

The best out of two will be taken into account

COURSE OUTCOMES

On the successful completion of the course, students will be able to:

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	Discuss the theories of International Trade.	K2	PSO1& PSO2
CO 2	Analyse Balance of Payment and Balance of trade	K2, K3	PSO3
CO 3	Explain Foreign Exchange Market and Euro Currency Market	K2, K4	PSO5
CO 4	Assess the Impact of International financial institutions.	K2, K3 & K4	PSO4
CO 5	Evaluate the performance of GATT and WTO and other Global Trade Institutions.	K3& K5	PSO4

Mapping COs Consistency with PSOs

CO/ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3

CO5	3	3	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

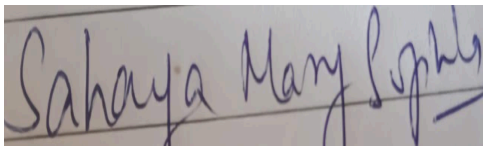
Mapping COs Consistency with POs

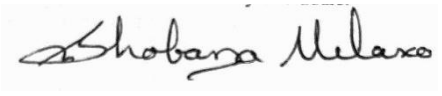
CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	2	3	3	2
CO3	3	3	2	3	3	2	3
CO4	3	2	3	3	3	1	3
CO5	3	3	3	1	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

COURSE DESIGNER **FORWARDED BY**





DR.SAHAYA MARY SOPHIA **DR.SHOBANA NELASCO**
HEAD OF THE DEPARTMENT

IV SEMESTER

II MA ECONOMICS

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG4E15	BEHAVIOURAL ECONOMICS	6	5

COURSE DESCRIPTION

Latest developments in Behavioural Economics after Richard Thaler

COURSE OBJECTIVE/S

1. The course will expose students to several topics in Behavioural Economics and will look to link theory with empirical applications.
2. The paper will analyse the role of behavioural economics in the context of both consumer and firm.
3. In particular, the course will focus on departures from neoclassical preferences and from rational expectations.
4. To equip them to face international Competitions.

UNIT I: INTRODUCTION **[15HRS]**

Homo Sapien vs Homo Economicus –Failure of standard model, need for behavioral Economics

UNIT II: TIME PREFERENCES **[15Hrs]**

Exponential discounting – β-δ discounting model: present bias preferences –Features – Advantages – Disadvantages – Read and van Leeuwen [1998]

UNIT III: RISK PREFERENCES **[15Hrs]**

Allies paradox: common ratio effect, common consequence effect –Explaining Allies paradox with prospect theory: Original prospect theory, Cumulative prospect theory – Endowment effect

UNIT IV: HEURISTICS **[15Hrs]**

Type 1 and type 2 thinking – Types of heuristics and biases – Aavailability heuristic: [bias 1: ease of recall, bias 2: retrievability] – Representativeness heuristic [bias 1: insensitivity to base rates, bias 2: insensitivity to sample size, bias 3: misconception of chance, bias 4: regression to the mean, bias 5: the conjunction fallacy] – Confirmation heuristic [bias 1: the confirmation trap]

UNIT V: BEHAVIORAL GAME THEORY [15Hrs]

Dictator game – Ultimatum game – Public goods game [or Voluntary contribution mechanism] – Battle of the sexes – traveller's dilemma.

Unit VI DYNAMISM

Presentation of case study of books on behavioral Economics- Model cases of different concepts - Cases for Behavioral irrationalities

REFERENCE BOOKS:

1. SanjitDhami, 'The foundations of Behavioural Economics' Oxford Publishers
2. Nick Wilkinson and Mathias Kaes, 'An introduction to Behavioual Economics'
3. Edward Cartwright, 'Behavioural Economics' Routledge Paperback
4. Roth and JohnHKagel, 'Handbook of Experimental Economics' The Princeton University Press
5. Daniel Kahneman, 'Thinking fast and slow' Farrar, Straus and Giroux [FSG] Publishers

DIGITAL OPEN EDUCATIONAL RESOURCES :

1. https://inomics.com/advice/the-best-behavioral-economics-books-1478422
2. https://www.routledge.com/Behavioral-Economics-The-Basics/Corr-Plagnol/p/book/9781138228917
3. https://www.behavioraleconomics.com/resources/introduction-behavioral-economics/

COURSE CONTENTS &LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
UNIT I: INTRODUCTION				
1.1	Homo Sapien vs Homo Economics	5	PPT and lecture	LCD
1.2	Failure of standard model,	5	lecture	Black board
1.3	Need for behavioural Economics	5	lecture	Google classroom
UNIT:2 **TIME PREFERENCES**				

2.1	Exponential discounting	3	PPT and lecture	LCD
2.2	β-δ discounting model: present bias preferences	3	PPT and lecture	LCD
2.3	Features	3	PPT and lecture	LCD
2.4	Advantages and Disadvantages	3	lecture	Smart Board
2.5	Read and van Leeuwen [1998]	3	lecture	Smart Board
UNIT III: RISK PREFERENCES				
3.1	Allies paradox	2	Lecture	Smart Board
3:1	common ratio effect,	2	Lecture	Smart Board
3.3	common consequence effect	2	Lecture	Black Board
3.4	Explaining Allies paradox with prospect theory	2	Lecture	Smart Board
3.5	Original prospect theory	2	Lecture	Smart Board
3.6	Cumulative prospect theory	2	Lecture	Black Board
3.7	Endowment effect	2	Discussion	Smart Board
UNIT IV: HEURISTICS				
4.1	Type 1 and type 2 thinking	1	Lecture	Smart Board
4..2	Types of heuristics and biases	2	Lecture	Smart Board
4..3	Aavailability heuristic: [bias 1: ease of recall, bias 2: retrievability]	2	Lecture	Black Board

4..4	Representativeness heuristic [bias 1	2	Lecture	Smart Board
4..5	insensitivity to base rates, bias 2:	1	Lecture	Smart Board
4..6	insensitivity to sample size, bias 3	1	Lecture	Black Board
4.7	misconception of chance, bias 4	2	Lecture	Smart Board
4.8	regression to the mean, bias 5: the conjunction fallacy]	2	Lecture	Smart Board
4.9	Confirmation heuristic [bias 1: the confirmation trap]	2	Lecture	
UNIT V: BEHAVIOURAL GAME THEORY				
5.1	Dictator game	2	Lecture	Smart Board
5.1:1	Ultimatum game	2	Lecture	Smart Board
5.3	Public goods game [or Voluntary contribution mechanism]	2	Lecture	Black Board
5.4	Battle of the sexes	2	Lecture	Smart Board
5.5	Traveller's dilemma	2	Lecture	Smart Board
UNIT VI DYNAMISM				
6.1	Presentation of case study of books on Behavioural Economics			Google classroom submission
6.2	Model cases of different concepts			Google classroom submission

6.3	Cases for Behavioural irrationalities			Google classroom submission

Levels	C1	C2	C3	C4	Total Scholastic Marks	Non Scholastic Marks C5	CIA Total	Percentage of Assessment
	Seminar 5 Mks.	Better of W1, W2 5Mks.	M1+M2 10 Mks	MID-SEM TEST 15 Mks	35 Mks.	5 Mks.	40Mks.	
K2	5	-	-	2 ½	-		-	-
K3	-	5	4	2 ½	5		5	12.5
K4	-	-	3	5	12		12	30
K5	-	-	3	5	9		9	22.5
Non Scholastic	-	-	-	-	9		9	22.5
Total	5	5	10	15	35	5	40	100

CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

- **PG CIA Components**

			Nos		
C1	-	Test (CIA 1)	1	-	10 Mks
C2	-	Test (CIA 2)	1	-	10 Mks
C3	-	Assignment	2 *	-	5 Mks
C4	-	Open Book Test/PPT	2 *	-	5 Mks
C5	-	Seminar	1	-	5 Mks
C6	-	Attendance		-	5 Mks

The best out of two will be taken into account

COURSE OUTCOMES

On the successful completion of the course, students will be able to:

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	Students will become internationally competitive	K2	PSO1& PSO2
CO 2	The students become aware of challenges facing the course Economics	K2, K3	PSO3
CO 3	Updated knowledge is acquired	K2, K4	PSO5
CO 4	Students learn latest theories	K2, K3 & K4	PSO4

CO5	Learn challenges and skills	K5	PSO4

Mapping COs Consistency with PSOs

CO/ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

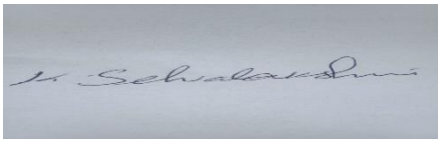
Mapping COs Consistency with POs

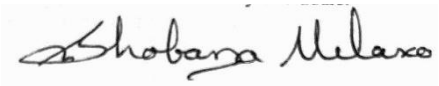
CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	2	3	3	2
CO3	3	3	2	3	3	2	3
CO4	3	2	3	3	3	1	3
CO5	3	3	3	1	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

COURSE DESIGNER **FORWARDED BY**





DR.K.SELVALAKSHMI **DR.SHOBANA NELASCO**
HEAD OF THE DEPARTMENT

IV SEMESTER

II MA ECONOMICS

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG4E16	ENVIRONMENTAL ECONOMICS	6	5

COURSE DESCRIPTION

Awareness on environmental problems and issues in India and in the rest of the world

COURSE OBJECTIVE/S

1. To make students aware of environmental problems facing our countries
2. To study how economic activities affect the environment.
3. To understand some important and core issues of environment.
4. To improve the knowledge on scarce energy usages
5. To enlighten them on environmental protection efforts
6. To develop understanding of the key concepts of environmental economics and their relevance in the business settings
7. To equip students to apply tools of environmental economics in resolving business.

UNIT I: BASIC CONCEPTS AND THEORIES [15 HRS]

Ecosystem: Biotic and Abiotic- Five Spheres of Atmosphere - Pollution: Land, water, Air, Nuclear, Marine, Noise etc- Climatic Change and Global warming- Ozone depletion, Acid Rain - Externalities-Market Failure - Environment as a Public Good: Tragedy of Commons - Coase Theorem - Private Market

UNIT II : ENERGY AND RESOURCES [15 Hrs]

Renewable & Non-renewable Sources of Energy: Thermal, Nuclear, Hydel Power, Solar, Wind & Nuclear Energy - Water Resource: Drought, Groundwater scarcity, Land Resource: Soil Erosion, Deforestation, Desertification, Agri-land Degradation-Pesticide Pollution, Forest Resource: Deforestation, Mineral Resources -Man-Animal Conflict

UNIT III: INDIAN ENVIRONMENTAL CHALLENGES [15 Hrs]

Interlinking of rivers - Cauvery water issue –Vaigai River issues- Sethu Samudram Project- Koodankulam Project – Neutrino- Kathiramangalam Methane issue - Chennai - Salem Greenfield Highway Project- Enayam Port –Sterlite Issue- Kulasai Rocket Launching Issue - Bhopal Gas Tragedy - Agricultural and Farmer Challenges

UNIT IV: INTERNATIONAL ENVIRONMENTAL ISSUES: [15 Hrs]

Carbon Neutral, Chernobyl disaster- Japan nuclear disaster- Clemenceau ship issue - Rio Summit deliberations- Club of Rome Model- Natural Disasters: Flood, Psunamai, Earthquake, Volcano, Forest Fire Nuclear wars - International waste dumping in sea and space – Environmental ranking of countries: Footprint Index - Green National Accounts

UNIT V: ENVIRONMENTAL THEORIES AND MANAGEMENT [15 Hrs]

Economic Instruments: Education, Public Participation, Regulations, Direct Action, Prohibition - Non-economic Instruments: Fiscal Measures, Effluent Charges, Subsidies - Air Act 1981- Water (Prevention and Control of Pollution) Act, 1974 and The Indian Forest Act, 1927 The Wildlife Protection Act, 1972 -The Forest Conservation Act, 1980 - Cost Benefit Analysis - Safe Minimum Standards

Unit VI Dynamism: Practical Evaluation Components

Group Survey of Madurai water resource: Ponds and streams - Madurai Solid waste Management - case study and presentation of State, national or international environmental issues

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1. Hanley, Nick, J.F. Shogren, and Ben White (2001), Introduction to Environmental Economics (London: OxfordUniversity Press).
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7. https://www.edf.org/climate/methane-other-important-greenhouse-gas
8. http://www.environment.gov.au/marine/publications/factsheet-dumping-wastes-se

COURSE CONTENTS &LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
UNIT I: BASIC CONCEPTS AND THEORIES				
1.1	Eco-System Biotic and Abiotic Ecosystem: - Five Spheres of Atmosphere –	2	PPT and lecture	LCD

1.2	Pollution: Land, water, Air, Nuclear, Marine, Noise etc	4	You tube videos	Black board
1.3	Ozone depletion, Acid Rain Climatic Change and Global warming	4	lecture	Class room
1.4	Externalities-Market Failure - Environment as a Public Good	2	PPT and lecture	LCD
1.5	- Tragedy of Commons - Coase Theorem - Private Market	3	PPT and lecture	LCD
UNIT II : ENERGY AND RESOURCES				
2.1	Renewable & Non-renewable Sources of Energy	3	You tube viedo	black Board
2.2	Thermal, Nuclear, Hydel Power	3	You tube viedo	black Board
2.3	Solar, Wind & Nuclear Energy -	3	You tube viedo	Black Board
2.4	Water Resource: Drought, Groundwater scarcity,	3	You tube viedo	Smart Board
2.5	Land Resource: Soil Erosion, Deforestation, Desertification, Agri-land Degradation-Pesticide Pollution, Forest Resource: Deforestation, Mineral Resources -Man-Animal Conflict	3	lecture	
UNIT III: INDIAN ENVIRONMENTAL CHALLENGES				
3.1	Interlinking of rivers- Cavery water issue -Vaigai River issues	2	Lecture and discussion	Smart Board
3.2	SethuSamuthram Project	3	Lecture	Smart Board
3.3	Koodankulam Project – Nutrino-Kathiramamangalam Metane issue	3	Lecture	Black Board
3.4	Chennai-Salem Greenfield Highway Project	2	Lecture	Smart Board

3.5	Enayam Port, Sterlite Issue- Kulasai Rocket Launching Issue	3	Lecture	Smart Board
3.6	Bhopal Gas Tragedy - Agricultural and Farmer Challenges	2	Lecture	Black Board
UNIT IV: INTERNATIONAL ENVIRONMENTAL ISSUES				
4.1	Carbon Neutral, Chernobyl disaster- Japan nuclear disaster- Clemenceau ship issue	3	Lecture &Viedo	Smart Board
4.2	Rio Summit deliberations- Club of Rome Model	3	Lecture &Viedo	Smart Board
4.3	Natural Disasters: Flood, Psunami, Earthquake, Volcano, Forest Fire	3	Lecture &Viedo	Black Board
4.4	Nuclear wars –International waste dumping in sea and space –	3	Lecture &Viedo	Smart Board
4.5	Environmental ranking of countries: Footprint Index - Green National Accounts	3	Lecture &Viedo	Smart Board
UNIT V: ENVIRONMENTAL THEORIES AND MANAGEMENT				
5.1	Economic Instruments: Education, Public Participation, Regulations, Direct Action, Prohibition	5	Lecture	Black board
5.2	Non-economic Instruments: Fiscal Measures, Effluent Charges, Subsidies	5		
5.3	Air Act 1981- Water (Prevention and Control of Pollution) Act, 1974 and The Indian Forest Act, 1927 The Wildlife Protection Act, 1972 -The Forest Conservation Act, 1980	5	Lecture	Black board
5.4	Cost Benefit Analysis - Safe Minimum Standards	5	Lecture	Black board

Levels	C1	C2	C3	C4	Total Scholastic Marks	Non Scholastic Marks C5	CIA Total	Percenatge of Assessment
	Seminar 5 Mks.	Better of W1, W2 5Mks.	M1+ M2 10 Mks	MID-SEM TEST 15 Mks	35 Mks.	5 Mks.	40Mks.	
K2	5	-	-	2 ½	-		-	-
K3	-	5	4	2 ½	5		5	12.5
K4	-	-	3	5	12		12	30
K5	-	-	3	5	9		9	22.5
Non Scholastic	-	-	-	-	9		9	22.5
Total	5	5	10	15	35	5	40	100

CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

- **PG CIA Components**

			Nos		
C1	-	Test (CIA 1)	1	-	10 Mks
C2	-	Test (CIA 2)	1	-	10 Mks
C3	-	Assignment	2 *	-	5 Mks
C4	-	Open Book Test/PPT	2 *	-	5 Mks
C5	-	Seminar	1	-	5 Mks
C6	-	Attendance		-	5 Mks

The best out of two will be taken into account

COURSE OUTCOMES

On the successful completion of the course, students will be able to:

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	Know core concepts and methods from ecological and physical	K2	PSO1& PSO2

	sciences and their application in environmental problem-solving.		
CO 2	Appreciate key concepts from economic, political, and social analysis as they pertain to the design and evaluation of environmental policies and institutions.	K2, K3	PSO3
CO 3	Gain knowledge on ethical, cross-cultural, and historical context of environmental issues and the links between human and natural systems.	K2, K4	PSO5
CO 4	Reflect critically about their roles and identities as citizens, consumers and environmental actors in a complex, interconnected world.	K2, K3 & K4	PSO4
CO5	Get skills on cultural, and the context of issues and the links between human and environment.	K2, K5	PSO4

Mapping COs Consistency with PSOs

CO/ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

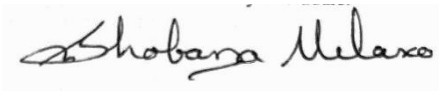
Mapping COs Consistency with POs

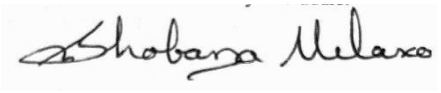
CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	2	3	3	2
CO3	3	3	2	3	3	2	3
CO4	3	2	3	3	3	1	3
CO5	3	3	3	1	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

COURSE DESIGNER **FORWARDED BY**





DR.SHOBANA NELASCO **DR.SHOBANA NELASCO**

HEAD OF THE DEPARTMENT

I SEMESTER
II MA ECONOMICS
(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19E1EDC	BUSINESS SKILLS FOR WOMEN	3	3

COURSE DESCRIPTION

Study the entrepreneur qualities, project report, online trading, recent entrepreneur development Schemes

COURSE OBJECTIVE/S

1. To promote girl students to promote business .
2. To motivate the students to avail the self- employment benefits of government.
3. To equip them to face IES, IAS exams and NET exam

UNIT: I INTRODUCTION [5 HRS]

Entrepreneur and women entrepreneurship: Meaning, Characteristics, Types, Functions - The Micro Finance and Self Help Groups - Social Entrepreneurship- Agri Entrepreneurs - Techno Entrepreneurs- - Project Proposals and Proforma to Funding agencies- Financial Planning - **Venture Capital- Export Finance**

UNIT: II ECONOMIC ANALYSIS FOR AN ENTREPRENEUR

Budgeting, Break-Even, SWOT and Profitability Analysis-PEST analysis-Cost-Benefit Analysis – Income Tax payment – GST Calculation

UNIT:III GOVERNMENT INSTITUTIONS AND SCHEMES

Central Schemes: **Start Up India - Skill India - MSME - Pradhan Mantri MUDRA Yojana (PMMY) SSI and SIDO - National Small Industries Corporation Ltd (NSIC) - Small Industries Service Institutes (SISI) - State Industrial Development Corporations(SIDCs)** - State Industrial Development and Investment Corporations of India (COSIDICI): State Financial Corporations (SFCs), State Industrial Development Corporations (SIDCs) and State Infrastructure Development Corporations - Govt of Tamilnadu: Tamil Nadu Industrial Development Corporation - Tamil Nadu Small Industries Development Corporation Limited (SIDCO)- District Industrial Center (DIC)

UNIT:IV BUSINESS OPPORTUNITIES - BRIEF INTRODUCTIONS

Agriculture: Horticulture, Floriculture, Kitchen garden, Mushroom Cultivation, Vermi-Culture, Api-Culture, **Poultry Farming** etc Service industry: Teaching, Training- Tour organization, Tuition centers, Tailoring – Beauty Parlours- Home delivery of food etc

UNIT: V ONLINE BUSINESS- BRIEF INTRODUCTIONS

Online Buying and selling: Case studies on Amazon, OLX, Airbnb, Ola, Facebook – Online Marketing- Online share trading – Online commodity trading - Online Exports and Imports- Blog Creation(Self Study) – Web Creation (Self Study)

UNIT VI - DYNAMISM/CURRENT AFFAIR

Subject specific Entrepreneurship- Project proposal for any product or service – Case study of any one entrepreneurial scheme (Bank or non banking)- On the Spot Learning Component: Visit to SHG to study their income generation activities and writing report - Visit to industrial estate to meet entrepreneurs - Case study of successful entrepreneurs- Case study of NGOs and SHGs- Collection of data regarding entrepreneurs -Blog and web creation

REFERENCE BOOKS:

1. K.K. Sharma, G.R. Basotia, “Entrepreneurship & Small Business”, Mangal Deep Publications, Jaipur, 1st Edition, 2001.
2. M. Soundarapandian, “Rural Entrepreneurship – Growth and Potential”, Kanishka Publishers, New Delhi, 1st Edition, 2001.
3. S.S. Khanaka, “Entrepreneurial Development”, S. Chand & Company Limited, 1999.
4. V. Sujatha, “Entrepreneurial Development”, Krishna Printers, 1st Edition, 2004.
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22. https://www.startupindia.gov.in/content/dam/invest-india/Templates/public/state_startup_policies/Tamil_Nadu_Startup_Policy.pdf
23. Import, Export: https://www.entrepreneur.com/article/41846
24. https://msme.gov.in/
25. http://www.msmeonline.tn.gov.in/
26. http://www.msmeonline.tn.gov.in/msme_partI/msmefiling.php
27. http://www.sidco.tn.nic.in/
28. https://www.tn.gov.in/scheme/department_wise/2
29. http://tnchamber.in/key-initiatives/

COURSE CONTENTS &LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching pedagogy	Teaching Aids
UNIT -1 INTRODUCTION				
1.1	Types and Functions of Entrepreneur	4	Lecture	Google meet,
1.1:1	Micro Finance and Self Help Group	4	Lecture	Study Material
1.2	Profit Organisation	3	Blended teaching with practice	Google meet,
1.4	Online Registration for entrepreneur	4	Blended teaching	Google meet,
UNIT -2 ECONOMIC ANALYSIS FOR ENTREPRENEUR				
2.1	Break Even Analysis	5	Flipped Learning	Google meet,
2.2	SWOT Analysis	3	Blended teaching with practice	Google meet,
2.3	Blog Creation , Web Creation	4	Blended teaching with practice	Google meet,
UNIT – 3 GOVERNMENT SCHEMES				

3.1	Money market: Meaning – Characteristics – Functions	5	Blended teaching with practice	Google meet,
3.2	Institutions of Indian Money market – Instruments	3	Blended teaching with practice	Study Material
3.3	**Commercial Banks**: Importance- Functions of commercial banks	4	Blended teaching with practice	Study Material
3.4	Credit Creation- Instruments of Credit	3	Blended teaching with practice	Material
3:5	Nationalisation of Commercial Banks	3	Blended teaching with practice	Study Material
UNIT:VI SCOPE FOR BUSINESS OPPORTUNITIES- BRIEF INTRODUCTIONS				
4.1	Agriculture: Horticulture, Floriculture, Kitchen garden and sales, - Service industry	2	Blended teaching with practice	Study Material
4..2	Sale of seeds and agricultural products, Mushroom Cultivation,	3	Blended teaching with practice	Google meet,
4..3	Vermi-Culture, Api-Culture etc -Industry Handicrafts	4	Blended teaching with practice	Google meet,
4..4	Tour organization, Tuition centers, Tailoring	3	Blended teaching with practice	Google meet,
4..5	Beauty Parlours- Home delivery of food etc	1	Blended teaching	Google meet,

	Female focused entrepreneurship		with practice	
UNIT: V ON LINE BUSINESS- BRIEF INTRODUCTIONS				
5.1	Online Buying and selling: Case studies on Amazon	3	Blended teaching with practice	Google meet, Material
5.2	OLX – Face book	2	Blended teaching with practice	Google meet,
5.3	scope for business in Online share trading	4	Blended teaching with practice	Google meet,
5.4	scope for business in Online commodity trading	2	Blended teaching with practice	Google meet,
5.5	scope for business in online exports	2	Blended teaching with practice	Google meet,
Unit – VI DYNAMISM/CURRENTAFFAIR				
6.1	Project proposal for any product or service		Survey guidance in class room	Students report submission in google class roomS
6.2	Case study of any one Institutional loan schemes(Bank or non banking)		Case study Models by PPT	Students PPT Posting in class room
6.3	On the Spot Learning Component: Visit to SHG to study their income generation activities and writing report -		Case study models & survey	Students report submission in class
6.4	Case study any one women entrepreneur -		Survey guidance in class room	Students report submission in google class roomS

6.5	On-the spot learning: Visit to industrial estate to meet entrepreneurs		Case study Models by PPT	Students PPT Posting in class room
6.6	Project proposal for any product or service		Survey guidance in class room	Students report submission in Google class room

Levels	C1		C2	C3	C4	Total Scholastic Marks	Non Scholastic Marks C5	CIA Total	Percentage of Assessment
	Seminar 5 Mks.		Better of W1, W2 5Mks.	M1+ M2 10 Mks	MID-SEM TEST 15 Mks	35 Mks.	5 Mks.	40Mks.	
K2	5		-	-	2 ½	-		-	-
K3	-		5	4	2 ½	5		5	12.5
K4	-		-	3	5	12		12	30
K5	-		-	3	5	9		9	22.5
Non Scholastic	-		-	-	-	9		9	22.5
Total	5		5	10	15	35	5	40	100

CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

- **PG CIA Components**

			Nos		
C1	-	Test (CIA 1)	1	-	10 Mks
C2	-	Test (CIA 2)	1	-	10 Mks
C3	-	Assignment	2 *	-	5 Mks
C4	-	Open Book Test/PPT	2 *	-	5 Mks
C5	-	Seminar	1	-	5 Mks
C6	-	Attendance		-	5 Mks

****The best out of two will be taken into account***

COURSE OUTCOMES

On the successful completion of the course, students will be able to:

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	To explain the functions of Entrepreneur.	K2	PSO1& PSO2
CO 2	To identify the basic qualities of an Entrepreneur.	K2, K3	PSO3

CO 3	To enable the students to understand the Project report.	K2, K4	PSO5
CO 4	To evaluate the .merits and demerits of online trading.	K2, K3 & K4	PSO4
CO 5	To assess the policy implementation by government for Entrepreneurial development.	K3& K5	PSO4

Mapping COs Consistency with PSOs

CO/ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3

Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	2	3	3	2
CO3	3	3	2	3	3	2	3
CO4	3	2	3	3	3	1	3
CO5	3	3	3	1	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

COURSE DESIGNER **FORWARDED BY**

DR.SHOBANA NELASCO

DR.SHOBANA NELASCO
HEAD OF THE DEPARTMENT

II SEMESTER

II MA ECONOMICS

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19E2EDC	BUSINESS SKILLS FOR WOMEN	3	3

COURSE DESCRIPTION

Study the entrepreneur qualities, project report, online trading, recent entrepreneur development Schemes

COURSE OBJECTIVE/S

1. To promote girl students to promote business .
2. To motivate the students to avail the self- employment benefits of government.
3. To equip them to face IES, IAS exams and NET exam

UNIT: I INTRODUCTION [5 HRS]

Entrepreneur and women entrepreneurship: Meaning, Characteristics, Types, Functions - The Micro Finance and Self Help Groups - Social Entrepreneurship- Agri Entrepreneurs - Techno Entrepreneurs- - Project Proposals and Proforma to Funding agencies- Financial Planning - Venture Capital- Export Finance

UNIT: II ECONOMIC ANALYSIS FOR AN ENTREPRENEUR

Budgeting, Break-Even, SWOT and Profitability Analysis-PEST analysis-Cost-Benefit Analysis – Income Tax payment – GST Calculation

UNIT:III GOVERNMENT INSTITUTIONS AND SCHEMES

Central Schemes: Start Up India - Skill India - MSME - Pradhan Mantri MUDRA Yojana (PMMY) SSI and SIDO - National Small Industries Corporation Ltd (NSIC) - Small Industries Service Institutes (SISI) - State Industrial Development Corporations(SIDCs) - State Industrial Development and Investment Corporations of India (COSIDICI): State Financial Corporations (SFCs), State Industrial Development Corporations (SIDCs) and State Infrastructure Development Corporations - Govt of Tamilnadu: Tamil Nadu Industrial Development Corporation - Tamil Nadu Small Industries Development Corporation Limited (SIDCO)- District Industrial Center (DIC)

UNIT:IV BUSINESS OPPORTUNITIES - BRIEF INTRODUCTIONS

Agriculture: Horticulture, Floriculture, Kitchen garden, Mushroom Cultivation, Vermi-Culture, Api-Culture, Poultry Farming etc Service industry: Teaching, Training- Tour organization, Tuition centers, Tailoring – Beauty Parlours- Home delivery of food etc

UNIT: V ONLINE BUSINESS- BRIEF INTRODUCTIONS

Online Buying and selling: Case studies on Amazon, OLX, Airbnb, Ola, Facebook – Online Marketing- Online share trading – Online commodity trading - Online Exports and Imports- Blog Creation(Self Study) – Web Creation (Self Study)

UNIT VI - DYNAMISM/CURRENT AFFAIR

Subject specific Entrepreneurship- Project proposal for any product or service – Case study of any one entrepreneurial scheme (Bank or non banking)- On the Spot Learning Component: Visit to SHG to study their income generation activities and writing report - Visit to industrial estate to meet entrepreneurs - Case study of successful entrepreneurs- Case study of NGOs and SHGs- Collection of data regarding entrepreneurs -Blog and web creation

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4. V. Sujatha, "Entrepreneurial Development", Krishna Printers, 1st Edition, 2004.
5. C.B. Gupta & S.S. Khanka, "Entrepreneurship and Small Business Management", Sultan Chand.
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2. http://www.tidco.com/
3. https://www.dicmdu.in/
4. https://www.tiic.org/need-scheme/
5. https://www.startupindia.gov.in/content/dam/invest-india/Templates/public/state_startup_policies/Tamil_Nadu_Startup_Policy.pdf
6. https://www.msde.gov.in/pmkvy.html
7. https://www.startupindia.gov.in/
8. https://www.startupindia.gov.in/content/sih/en/idea_bank.html
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10. https://www.tnskill.tn.gov.in/
11. https://nsdcindia.org/
12. https://sipcot.in/
13. https://www.airbnb.co.in/
14. https://www.startupindia.gov.in/content/sih/en/startup-scheme/state-startup-policies/Tamil-Nadu-state-policy.html

15. https://www.editn.in/
16. https://www.startupindia.gov.in/content/dam/invest-india/Templates/public/state_startup_policies/Tamil_Nadu_Startup_Policy.pdf
17. https://www.kviconline.gov.in/pmegpeportal/pmegphome/index.jsp
18. https://www.udyami.org.in/
19. https://www.udyami.org.in/entrepreneur-development
20. http://maditssia.com/index.php/madmin/bicactivities
21. http://www.sidco.tn.nic.in/
22. https://www.startupindia.gov.in/content/dam/invest-india/Templates/public/state_startup_policies/Tamil_Nadu_Startup_Policy.pdf
23. Import, Export: https://www.entrepreneur.com/article/41846
24. https://msme.gov.in/
25. http://www.msmeonline.tn.gov.in/
26. http://www.msmeonline.tn.gov.in/msme_partI/msmefiling.php
27. http://www.sidco.tn.nic.in/
28. https://www.tn.gov.in/scheme/department_wise/2
29. http://tnchamber.in/key-initiatives/

COURSE CONTENTS &LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching pedagogy	Teaching Aids
UNIT -1 INTRODUCTION				
1.1	Entrepreneur and women entrepreneurship: Meaning, Characteristics, Types, Functions	4	Lecture	Google meet
1.1:1	Online Registration for entrepreneur - The Micro Finance and Self Help Groups	4	Lecture	Google meet,
1.2	Social Entrepreneurship- Agri Entrepreneurs - Techno Entrepreneurs	3	Blended teaching with practice	Google meet,
1.4	Project Proposals and Proforma to Funding agencies- Financial Planning - Venture Capital- Export Finance	4	Blended teaching	Google meet,
UNIT -2 ECONOMIC ANALYSIS FOR ENTREPRENEUR				
2.1	Budgeting, Break-Even,	5	Flipped Learning	PPT,
2.2	SWOT and Profitability Analysis-PEST analysis -Cost-Benefit Analysis	3	Blended teaching with practice	Study Material
2.3	Income Tax payment – GST Calculation.	4	Blended teaching	Study Material

			with practice	
UNIT – 3 GOVERNMENT INSTITUTIONS AND SCHEMES				
3.1	Central Schemes: Start Up India - Skill India - MSME - Pradhan Mantri MUDRA Yojana (PMMY	4	Blended teaching with practice	Study Material
3.2	SSI and SIDO - National Small Industries Corporation Ltd (NSIC) - Small Industries Service Institutes (SISI	4	Blended teaching with practice	Study Material
3.3	State Industrial Development Corporations(SIDCs) - State Industrial Development and Investment Corporations of India	4	Blended teaching with practice	Study Material
3.4	(COSIDICI): State Financial Corporations (SFCs), State Industrial Development Corporations (SIDCs) and State Infrastructure Development Corporations	5	Blended teaching with practice	Study Material
3:5	Govt of Tamilnadu: Tamil Nadu Industrial Development Corporation - Tamil Nadu Small Industries Development Corporation Limited (SIDCO)- District Industrial Center (DIC)	6	Blended teaching with practice	Study Material
UNIT:VI SCOPE FOR BUSINESS OPPORTUNITIES- BRIEF INTRODUCTIONS				
4.1	Agriculture: Horticulture, Floriculture, Kitchen garden	2	Blended teaching with practice	Study Material

4..2	Mushroom Cultivation, Vermi-Culture, Api-Culture, Industry Handicrafts	3	Blended teaching with practice	Study Material
4..3	Poultry Farming etc Service industry: Teaching, Training-Tour organization, Tuition centers, Tailoring –	4	Blended teaching with practice	Study Material
4..4	Tour organization, Tuition centers, Tailoring	3	Blended teaching with practice	Study Material
4..5	Beauty Parlours-Home delivery of food etc	1	Blended teaching with practice	Study Material
UNIT: V ON LINE BUSINESS- BRIEF INTRODUCTIONS				
5.1	Online Buying and selling: Case studies on Amazon	3	Blended teaching with practice	Study Material
5.2	OLX, Airbnb, Ola, Facebook	2	Blended teaching with practice	Study Material
5.3	Online Marketing- Online share trading	4	Blended teaching with practice	Google meet, Keynote,
5.4	Online commodity trading	2	Blended teaching with practice	Google meet, Keynote,
5.5	Online Exports and Imports- Blog Creation(Self Study) – Web Creation (Self Study)	2	Blended teaching with practice	Google meet, Keynote,
Unit – VI DYNAMISM/CURRENTAFFAIR				

6.1	Project proposal for any product or service		Survey guidance in class room	Students report submission in google class roomS
6.2	Case study of any one Institutional loan schemes(Bank or non banking)		Case study Models by PPT	Students PPT Posting in class room
6.3	On the Spot Learning Component: Visit to SHG to study their income generation activities and writing report -		Case study models & survey	Students report submission in class
6.4	Case study any one women entrepreneur -		Survey guidance in class room	Students report submission in google class roomS
6.5	On-the spot learning: Visit to industrial estate to meet entrepreneurs		Case study Models by PPT	Students PPT Posting in class room
6.6	Project proposal for any product or service		Survey guidance in class room	Students report submission in Google class room

Levels	**C1**	**C2**	**C3**	**C4**	**Total Scholastic Marks**	**Non Scholastic Marks C5**	**CIA Total**	**Percentage of Assessment**
	Seminar 5 Mks.	**Better of W1, W2 5Mks.**	**M1+ M2 10 Mks**	**MID-SEM TEST 15 Mks**	**35 Mks.**	**5 Mks.**	**40Mks.**	
K2	**5**	**-**	**-**	**2 ½**	**-**		**-**	**-**
K3	**-**	**5**	**4**	**2 ½**	**5**		**5**	**12.5**
K4	**-**	**-**	**3**	**5**	**12**		**12**	**30**

K5	-	-	**3**	**5**	**9**		**9**	**22.5**
Non Scholastic	-	-	-	-	**9**		**9**	**22.5**
Total	**5**	**5**	**10**	**15**	**35**	**5**	**40**	**100**

CIA	
Scholastic	**35**
Non Scholastic	**5**
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**CIA**	**ESE**	**Total**
10	**10**	**5**	**5**	**5**	**5**	**40**	**60**	**100**

- **PG CIA Components**

			Nos		
C1	-	Test (CIA 1)	1	-	10 Mks
C2	-	Test (CIA 2)	1	-	10 Mks
C3	-	Assignment	2 *	-	5 Mks
C4	-	Open Book Test/PPT	2 *	-	5 Mks
C5	-	Seminar	1	-	5 Mks
C6	-	Attendance		-	5 Mks

The best out of two will be taken into account

COURSE OUTCOMES

On the successful completion of the course, students will be able to:

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	To explain the functions of Entrepreneur.	K2	PSO1& PSO2
CO 2	To identify the basic qualities of an Entrepreneur.	K2, K3	PSO3
CO 3	To enable the students to understand the Project report.	K2, K4	PSO5
CO 4	To evaluate the .merits and demerits of online trading.	K2, K3 & K4	PSO4
CO 5	To assess the policy implementation by government for Entrepreneurial development.	K3& K5	PSO4

Mapping COs Consistency with PSOs

CO/ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3

Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	2	3	3	2
CO3	3	3	2	3	3	2	3
CO4	3	2	3	3	3	1	3
CO5	3	3	3	1	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

COURSE DESIGNER **FORWARDED BY**

DR.SHOBANA NELASCO **DR.SHOBANA NELASCO**
HEAD OF THE DEPARTMENT

III SEMESTER

II MA ECONOMICS

ELECTIVE

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG3EE1	AGRICULTURAL ECONOMICS	4	4

COURSE DESCRIPTION

Study of farm size and productivity, agricultural finance, marketing, agricultural price policies, sustainability, impact of WTO.

COURSE OBJECTIVES

1. To enrich the knowledge of the students in Indian Agriculture.
2. To assess the position of Indian Agriculture at the Global level.
3. To enable the students to succeed in the competitive exams.

UNIT I FARM SIZE AND PRODUCTIVITY (10 HRS)

The size of operating unit – advantages of large farms – advantages of small farms – Variations in the optimum size – meaning of economic holding – operational holding-factors determining farm size – problems of subdivision and fragmentation – Remedial measures- Corporate farming. Indian Farm and scape. (Self Study)

UNIT II AGRICULTURAL FINANCE AND MARKETING (10 HRS)

Institutional Finance for agriculture- Commercial Banks - Co-operatives, RRB's,NABARD, LDB's,-reforms in agricultural credit policy-innovations in agricultural financing – microfinance-meaning, role and trends, kisan credit cards- SHGs'.

Importance of agricultural marketing –functions of agricultural marketing– marketing cost – Problems in marketing of agricultural products – marketable surplus and marketed surplus Regulated markets and Co-operative marketing-Storage and Warehousing in India. Empowerment through SHG (Self Study)

UNIT III AGRICULTURAL PRICES AND PRICE POLICY (10 HRS)

Impact of fluctuations in agricultural prices- case for price stabilization- Objectives of agricultural price policy -Instruments of agricultural price policy: Support price- Procurement price and issue price- Agricultural Prices and Cost Commission (APC), - Public distribution system- Buffer stock - An evaluation of agricultural price policy- Crop Insurance. Trends in Crop Insurance (Self Study)

UNIT IV SUSTAINABLE AGRICULTURAL DEVELOPMENT (10 HRS)

Meaning- Composition – MNCs and Acquisition of Farm land- Bio Technology – Meaning and Trends - Organic Farming –. Contract Farming - Diversification of Agriculture in India- Second Green Revolution-National Commission on Farmer- Food Security in India. Challenges in organic farming(Self Study)

UNIT V WTO AND INDIAN AGRICULTURE (08 HRS)

Impact of WTO on Agriculture- Agreements on Agriculture (AOA): Tariffication- Quota Restriction- Domestic Support- TRIPS and Indian Agriculture. Subsidy discipline- Patenting of seeds- Inputs and food subsidy. Problems of agricultural imports and exports- Recent EXIM policy. Comparison of subsidies in different countries(Self Study)

UNIT VI: DYNAMISM

Case study on diversified agriculture-Study on the financial need and source of finance of farmers in particular area-.Study on channels of marketing of any agricultural product.

REFERENCE BOOKS:

1. Amarjit Singh, Sadhu A.N &Jasbir Singh "Fundamentals of Agricultural Economics" Himalaya Publishing House, NewDelhi
2. Benjamin R.E., Hariharan S.B and Karunakaran M, "Economics of Agriculture", S. Chand Company Ltd.
3. Bishop C.E &Toursaint W.D. "Introduction to agriculture economics analysis" John Wiley & Sons – NewYork.
4. Desai R.G., "Agricultural Economics", Models Problems and Policy Issues, Himalaya Publishing House, Mumbai, 1st Edition.
5. Dhingra I.C, "Agriculture in Industrial Economics", S. Chand & Sons, 1st Edition.
6. Fernandis W.S. "Agricultural Trade and Practice in India" ARISE Publishers & Distributors – New Delhi.
7. Merlinda D. Ingco and John D.Nash "Agricultural and the WTO" The World Bank– Washington, D.C.
8. Mertin Upton "Agricultural Production Economics and Resource" - useOxford University.
9. Sadhu & Singh "Fundamentals of Agricultural Economics" Himalaya Publishing House

COURSE CONTENTS &LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
Unit -1: **FARM SIZE AND PRODUCTIVITY**				
1.1	Topic 1: The size of operating unit – advantages of large farms	2	Chalk & Talk	Black Board
1.2	advantages of small farms	1	Lecture	Black Board

1.3	Variations in the optimum size	2	Chalk & Talk	Black Board
1.4	meaning of economic holding	2	Lecture	Black Board
1.5	operational holding-factors determining farm size	2	Lecture	PPT
1.6	Topic 2 Causes of subdivision and fragmentation	2	Discussion	LCD
1.7	Problems of subdivision and fragmentation	2	Chalk & Talk	Black Board
1.8	Remedial measures	1	Discussion	Black Board
1.9	Corporate farming.	1	Chalk & Talk	Black Board
Unit -2 : **AGRICULTURAL FINANCE AND MARKETING**				
2.1	Topic1: Institutional Finance for agriculture- Commercial Banks - Co-operatives.	1	Lecture	Black Board
2.2	RRB's,NABARD, LDB's,-	2	Chalk &Talk	Black Board
2.3	Reforms in agricultural credit policy- innovations in agricultural financing	2	Lecture	PPT
2.4	Microfinance-meaning, role and trends,	1	Discussion	Black Board
2.5	Kisan credit cards- SHGs'	2	Lecture	Black Board
2.6	Topic 2: Importance of agricultural marketing–functions of agricultural marketing.	2	Discussion	Online
2.7	marketing cost – Problems in marketing of agricultural products	2	Lecture	Black Board

2.8	marketable surplus and marketed surplus Regulated markets	1	Lecture	Black Board
2.9	Co-operative marketing-Storage and Warehousing in India	2	Lecture	Black Board
Unit -3 : **AGRICULTURAL PRICES AND PRICE POLICY**				
3.1	Topic I: Impact of fluctuations in agricultural prices - case for price stabilisation-	2	Lecture	k Board
3.2	Objectives of agricultural price policy -Instruments of agricultural price policy	2	Chalk & Talk	Black Board
3.3	Support price- Procurement price and issue price	3	Lecture	PPT
3.4	Agricultural Prices and Cost Commission (APC)	2	Discussion	Black Board
3.5	Topic:2 Public distribution system-Buffer stock.	3	Lecture	LCD
3.6	An evaluation of agricultural price policy	2	Discussion	Black Board
3.7	Crop Insurance	1	Lecture	Black Board
UNIT -4 : SUSTAINABLE AGRICULTURAL DEVELOPMENT				
4.1	Meaning- Composition – MNCs and Acquisition of Farm land .	2	Lecture	Black Board
4.2	Bio Technology – Meaning and Trends	2	Lecture	Black Board
4.3	Organic Farming	2	Discussion	Black Board
4.4	Contract Farming	3	Discussion	LCD
4.5	Diversification of Agriculture in India	3	Lecture	PPT
4.6	Second Green Revolution	3	Discussion	Black Board

4.7	National Commission on Farmer	2	Lecture	Black Board
4.8	Food Security in India.	3	Lecture	PPT
UNIT -5 :WTO AND INDIAN AGRICULTURE				
5.1	Impact of WTO on Agriculture- Agreements on Agriculture (AOA)	3	Lecture	LCD
5.2	Tariffication- Quota Restriction- Domestic Support.	3	Discussion	PPT
5.3	TRIPS and Indian Agriculture	2	Lecture	Black Board
5.4	Subsidy discipline- Patenting of seeds	2	Discussion	Black Board
5.5	Inputs and food subsidy	1	Lecture	Black Board
5.6	Problems of agricultural imports and exports.	2	Discussion	Black Board
5.7	Recent EXIM policy	2	Lecture	PPT
UNIT -6 **DYNAMISM**				
6.1	Case study on diversified agriculture in particular area.	4	Lecture	Students report submission through PPT
6.2	Study on the financial need and source of finance of farmers in particular area.	3	Discussion	Students report submission through PPT
6.3	Study on channels of marketing in an area.	4	Lecture	Students report submission

6.4	Case Study on channels of marketing for any agricultural product.	4	Discussion	report submission

Levels	C1	C2	C3	C4	Total Scholastic Marks	Non Scholastic Marks C5	CIA Total	Percentage of Assessment
	Seminar 5 Mks.	Better of W1, W2 5Mks.	M1+M2 10 Mks	MID-SEM TEST 15 Mks	35 Mks.	5 Mks.	40Mks.	
K2	5	-	-	2 ½	-		-	-
K3	-	5	4	2 ½	5		5	12.5
K4	-	-	3	5	12		12	30
K5	-	-	3	5	9		9	22.5
Non Scholastic	-	-	-	-	9		9	22.5
Total	5	5	10	15	35	5	40	100

CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

- **PG CIA Components**

			Nos		
C1	-	Test (CIA 1)	1	-	10 Mks
C2	-	Test (CIA 2)	1	-	10 Mks
C3	-	Assignment	2 *	-	5 Mks
C4	-	Open Book Test/PPT	2 *	-	5 Mks
C5	-	Seminar	1	-	5 Mks
C6	-	Attendance		-	5 Mks

The best out of two will be taken into account

COURSE OUTCOMES

On the successful completion of the course, students will be able to:

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	Identify the productivity trends of agriculture and the causes for low productivity.	K2	PSO1& PSO2
CO 2	Realize the problem of farm size and need for co-operative farming	K2, K3	PSO3
CO 3	Evaluate the need for Policy reforms in Public Distribution System	K2, K4	PSO5
CO 4	capable of assessing the financial problems encountered by farmers	K2, K3 & K4	PSO4

CO 5	Compile and analyse the innovations in agricultural financing	K3& K5	PSO4

Mapping COs Consistency with PSOs

CO/ PSO	PSO 1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3

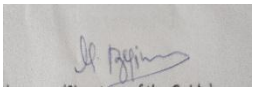
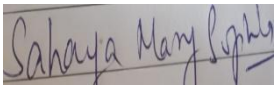
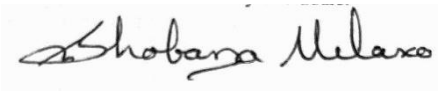
Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	2	3	3	2
CO3	3	3	2	3	3	2	3
CO4	3	2	3	3	3	1	3
CO5	3	3	3	1	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

COURSE DESIGNER **FORWARDED BY**

DR.M.REGINA MARY &
DR. SAHAYA MARY SOPHIA

DR.SHOBANA NELASCO
HEAD OF THE DEPARTMENT

III SEMESTER

II MA ECONOMICS ELECTIVE

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG3EE2	GENDER ECONOMICS	4	4

COURSE DESCRIPTION

The course on Gender Economics deals with the social assignments of traits and competencies to people based on their biological sex. It means into the economic phenomenon by looking at how social norms and power structure impact on the lives and opportunities available to men, women and transgender**.**

COURSE OBJECTIVE/S

1. To explore gender issued as an opportunity to presented and master analytical and empirical tools used in the social sciences

2. To systematically analyse the meaning of sex and gender in past and present societies.

3. To cite gender relations and power dynamics behind individuals access to and distribution of resources.

UNIT I: CONCEPTS AND THEORETICAL APPROACHES IN GENDER ECONOMICS (10HRS)

Concept of Gender Economics - Difference between Gender and Sex–Sexual Orientation- LGBTQ- –Women's contribution to GDP - Gender Mainstreaming - Gender Concerns in Economic Theory - Sen's views - Concept of Equity vs. equality & Feminization of Poverty

UNIT II: METHOD OF GENDER ECONOMICS (15HRS)

Subject of Gender Economics - Institutionalization of Gender Economics - Methods of Gender Economics - Interdisciplinary Approach - Macro and Micro Level of Studies - Gender statistics and system of sources of data on the Health Education & empowerment - framework of an integrated system of gender state statistics.

Gender division of work - Invisibility of women's work- Analysis of Women's work - Labour Force Participation – Factors influencing work participation – Occupational Segregation and Crowding-in Effect - Marginalization of women - market bias

UNIT III: GENDER INDICES (15HRS)

Equity Index - Gender Inequality Index of UNDP - Gender Status Index - Gender in Human Development - Gender Development Index - Gender Empowerment Index - Gender in Social Development Indicators - the OECD Social Institutions and Gender Index (SIGI)

UNIT IV: GENDER ANALYSIS TOOLS AND GENDER BUDGETS (15HRS)

Gender Analysis Tools: Desk Review- Household Review- FGD- Semi-structured Questionnaire- Case Studies- Stakeholders Workshops
Gender Budgets: Gender Budgeting - Methodology of Gender Budget Preparation - Approaches and Principles of Gender Budgeting - Gender Budgeting in India

UNIT V: GOVERNMENT & NON-GOVERNMENT INITIATIVES IN INDIA (15HRS)

Fund allocation for Women Development Programs from Independence - Objectives and Methods of Gender Policy in India - Role of Ministry of Women and Child Development - Role of NGOs - Role of Women's Organizations - Micro Enterprises - Self Help Groups (SHGs) **Women and Development (WAD) – Gender and Development (GAD)**

UNIT VI - DYNAMISM/CURRENT AFFAIR

Case study on violation of women's rights -Raising voice against Sexual harassment at work place

REFERENCES:

1. Eswaran, M. (2014), Why Gender Matters in Economics, Princeton University Press.
2. Anne-Marie Slaughter Unfinished Business: Women Men Work Family, Penguin Random House 2016
3. Bosarup Ester, (1970) Women's Role in Economic Development, George Allen and Unwin, London.
4. DevasiaLeelamma (1994) Empowering Women for Sustainable Development, Ashish Publishing House, New Delhi
5. Jacobsen, J. (2007), The Economics of Gender, Wiley-Blackwell.
6. Gardiner.J (1997) Gender, Care and Economics, Palgrave Macmillan
7. Kabeer Naila, *Reversed Realities: Gender Hierarchies in Development Thought,* Kali for Women, New Delhi.

Sen, A. and J. Drèze (1995), *India: Economic Development and Social Opportunity*, Oxford University Press**COURSE CONTENTS &LECTURE SCHEDULE**

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
UNIT -1INTRODUCTION				
1.1	Concept of Gender Economics - Invisibility	4	Chalk & Talk	Black Board
1.2	Difference between Gender and Sex–Sexual Orientation	2	Lecture	Black Board

1.3	Women's contribution to GDP	1	Chalk & Talk	Black Board
1.4	women's work , Gender Mainstreaming - Gender Concerns in Economic Theory - Sen's views	2	Lecture	PPT
1.5	Concept of Equity vs. equality& Feminization of Poverty	2	Lecture	PPT
UNIT II: METHOD OF GENDER ECONOMICS				
2.1	Subject of Gender Economics - Institutionalization of Gender Economics	4	Lecture	Black Board
2.2	Methods of Gender Economics - Inter-Disciplinary Approach	4	Chalk & Talk	Black Board
2.3	Inter-Disciplinary Approach - Macro and Micro Level of Studies -	3	Chalk & Talk	Black Board
2.4	Gender statistics and system of sources of data on the Health Education & empowerment	4	Lecture	PPT
Unit III: GENDER INDICES				
3.1	Equity Index - Gender Inequality Index of UNDP - - - - the	2	Lecture	k Board
3.2	Gender Status Index - Gender in Human Development	3	Lecture	Black Board
3.3	Gender Development Index - Gender Empowerment Index	3	Lecture	PPT
3.4	Gender in Social Development Indicators	2	Discussion	Black Board
3.5	OECD Social Institutions and Gender Index (SIGI)	3	Lecture	LCD
UNIT IV: GENDER ANALYSIS TOOLS AND GENDER BUDGETS				
4.1	Gender Analysis Tools: Desk Review- Household Review and	2	Lecture	Black Board

4.2	FGD- Semi-structured Questionnaire	2	Lecture	PPT
4.3	Case Studies- Stakeholders Workshops	2	Discussion	Black Board
4.4	Gender Budgets: Gender Budgeting	3	Lecture	Black Board
4.5	Methodology of Gender Budget Preparation – Approaches	3	Lecture	Black Board
4.6	Principles of Gender Budgeting - Gender Budgeting in India	3	Discussion	Black Board
UNIT V: GOVERNMENT& NON-GOVERNMENT INITIATIVES IN INDIA				
5.1	Status of Women Report 1971& 2018	2	Lecture	PPT
5.2	Gender Analysis of Development Policy - Engendering Development Policies	3	Lecture	Black Board
5.3	Women Development Programs from Independence	2	Lecture	Black Board
5.4	Objectives and Methods of Gender Policy in India	2	Chalk and Talk	Black Board
5.5	Paradigm Shift from Welfare to Empowerment – Role of Ministry of Women and Child Development	2	Lecture	Black Board
5.6	Status of Women Report 1971& 2018	2	Discussion	Black Board
5.7	Role of NGOs	2	Lecture	PPT
5.8	Development Initiatives		Lecture	PPT
5.9	Role of Women's Organizations		Lecture	Black Board

5.10	Mobilizing, Networking & Advocacy		Lecture	Black Board
5.11	Grass Root Level Initiatives - Micro Finance and Micro Enterprises - Self Help Groups (SHGs)		Chalk and Talk	Black Board

Levels	C1		C2	C3	C4	Total Scholastic Marks	Non Scholastic Marks C5	CIA Total	Percentage of Assessment
	Seminar 5 Mks.		Better of W1, W2 5Mks.	M1+M2 10 Mks	MID-SEM TEST 15 Mks	35 Mks.	5 Mks.	40 Mks.	
K2	5		-	-	2 ½	-		-	-
K3	-		5	4	2 ½	5		5	12.5
K4	-		-	3	5	12		12	30
K5	-		-	3	5	9		9	22.5
Non Scholastic	-		-	-	-	9		9	22.5
Total	5		5	10	15	35	5	40	100

CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

- **PG CIA Components**

			Nos		
C1	-	Test (CIA 1)	1	-	10 Mks
C2	-	Test (CIA 2)	1	-	10 Mks
C3	-	Assignment	2 *	-	5 Mks
C4	-	Open Book Test/PPT	2 *	-	5 Mks
C5	-	Seminar	1	-	5 Mks
C6	-	Attendance		-	5 Mks

****The best out of two will be taken into account***

COURSE OUTCOMES

On the successful completion of the course, students will be able to:

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	Identify the role of gender in determining work profiles &other Economic circumstance	K2	PSO1& PSO2
CO 2	Recall the concept of Gender, Gender statistics &Institutionalization of Gender Economics	K2, K3	PSO3

CO 3	Gives scope to outline the comparative advantages in the unpaid work of women	K2, K4	PSO5
CO 4	Restate the significance of gender in economic process &outcomes	K2, K3 & K4	PSO4
CO 5	Analyse the difference in labour force participation	K3& K5	PSO4

Mapping COs Consistency with PSOs

CO/ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3

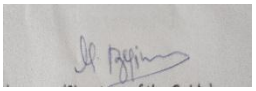
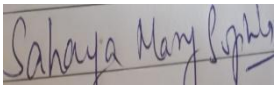
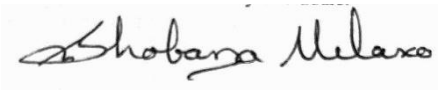
Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	2	3	3	2
CO3	3	3	2	3	3	2	3
CO4	3	2	3	3	3	1	3
CO5	3	3	3	1	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

COURSE DESIGNER **FORWARDED BY**

DR.M.REGINA MARY &
DR. SAHAYA MARY SOPHIA

DR.SHOBANA NELASCO
HEAD OF THE DEPARTMENT

IV SEMESTER

II MA ECONOMICS ELECTIVE

CBCS Curriculum for M.A ECONOMICS
(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG4EE 3	NATIONAL INCOME ACCOUNTING	4	4

COURSE DESCRIPTION

The course provides an insight to evaluate the magnitude of our economic performance that is essential to planners and policy-makers so as to know how well the economy is performing thereby; they can set goals and make policy recommendations.

COURSE OBJECTIVES

To explain the difficult and technical concepts used in Accounting National Income in a simple and lucid manner to the students.

To make the students understand the meaning and significance of the tables in the National Accounts statistics of India by CSO Publication.

UNIT I: INTRODUCTION [10 HRS]

National Income: Meaning, National Income accounts-Significance of national income accounts, National Accounting. Basic Economic activities-Functional classification of an Economy into sectors; Production Sector-Consumption Sector-Government Sector.

Capital Formation: Gross Domestic capital formation – Gross domestic fixed capital formation and change in stock. Economic flows: flow and stock. Circular flow of National income: Production flow, Income flow and expenditure flow.

UNIT II: PRODUCTION PROCESS AND NATURE OF GOODS & SERVICES [15HRS]

Production Process: Meaning – Nature of production process, Organisation of labour: Product based and process based, Organisation of technology: Labour intensive and capital intensive, Production of goods and services for self – consumption and for exchange, Categories of producers: Government, Corporate and household enterprises.

Nature of goods and services: Concept of production boundary-end-use classification of goods and services. Material and non-material goods, Economic and non-economic goods, Consumer and producer goods, intermediate and final goods, value of output and value added: Net value added at factor costs using deductible costs.

UNIT III: GENERATION OF NATIONAL INCOME [15 HRS]

Generation of Income: Process of income generation, wage income and non-wage income, Domestic income: Compensation of employees: Definition-its components Operating surplus: meaning –Components of operating surplus-Zero operating-Mixed Income of Self employed and

operating surplus. Calculation of Compensation of Employees and Operating Surplus.

Net-factor income Abroad: Meaning – components of NFIA, Subsidy, Transfer payments: meaning – current transfers and capital transfers, current transfers to the rest of the world and capital transfers from rest of the world, Distinction: National wealth and national capital – national capital and national income.

UNIT IV: MEASUREMENT OF NATIONAL INCOME [15 HRS]

Methods of measuring national income:

a. Value added method: Steps involved and precautions taken while calculating National income by VA method, Calculation of GDP, NDP, GNP, NNP at market price and factor cost.

b. Income method: Steps involved and precautions taken while calculating National income by income method, calculation of domestic income [NDP at FC], National income, private income, personal income, personal disposable income.

c. Expenditure method: Steps involved and precautions taken while calculating National income by Expenditure method. Final consumption expenditure: Final consumption expenditure of the general government, households and of private non-profit institutions.

UNIT V: CALCULATION OF DOMESTIC PRODUCT IN INDIA [15 HRS]

Pre-independence and post independence estimates of national income – national income Committee, CSO: CSO methodology for computation of national income, - sectoral contributions of primary, manufacturing and tertiary sector in estimation of domestic product, white paper on national income [NAS]in India. Difficulties in measuring national income in India- problem of double counting.

UNIT VI - DYNAMISM/CURRENT AFFAIR

A case study on calculating operating surplus and Compensation of employees of a firm - A case study on self-employed personal towards mixed income in calculating National income - Assignment on a case of double counting in any food processing Unit - Comprehensive Test

REFERENCE BOOKS:

1. C.B. Sach Deva, “National Accounting”, Revised Edition, Arya Book depot, Karol Bagh, New Delhi , 1996.
2. Uma Datta Roy Choudhury & Moni Mukherjee, “National Accounts Information System”, Macmillan India Ltd, New Delhi, 1994.
3. Raman D.V. Bombay, “National Accounts & Input Output Accounts of India”, Asia Publishing House, New Delhi.

COURSE CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
UNIT I: INTRODUCTION				
1.1	National Income: Meaning	1	Lecture	Black Board
1.1:1	National Income accounts-Significance of national income accounts, National Accounting.	4	Discussion	LCD
1.3	Basic Economic activities-Functional classification of an Economy in to sectors; Production Sector-Consumption Sector-Government Sector.	3	Lecture	PPT
1.4	Capital Formation: Gross Domestic capital formation – Gross domestic fixed capital formation and change in stock.	2	Lecture	Black Board
1.5	Economic flows: flow and stock.	2	Lecture	Black Board
1.6	Circular flow of National income: Production flow, Income flow and expenditure flow.	3	Discussion	Black Board
UNIT II: PRODUCTION PROCESS AND NATURE OF GOODS &SERVICES				
2.1	Production Process: Meaning – Nature of production process,	1	Lecture	Green Board Charts
2.1.1	Organisation of labour: Product based and process based,	2	Lecture	Green Board
2.1.2	Organisation of technology: Labour intensive and capital intensive,	1	Lecture	Materials

2.1.3	Production of goods and services for self – consumption and for exchange,	1	Lecture	Black board
2.2	Categories of producers: Government, Corporate and household enterprises.	1	Lecture	Black board
2.3	Nature of goods and services: Concept of production boundary-end-use classification of goods and services.	2	Lecture	PPT & Black board
2.3.1	Material and non-material goods, Economic and non-economic goods,	1	Lecture	Black board
2.3.2	Consumer and producer goods, intermediate and final goods,	3	Lecture	Black board
2.3.3	value of output and value added: Net value added at factor costs using deductible costs.	3	Lecture	Black board
UNIT III: GENERATION OF NATIONAL INCOME				
3.1	Generation of Income: Process of income generation, wage income and non-wage income,	2	Lecture	Black board & PPT
3.2	Domestic income: Compensation of employees: Definition-its components	1	Lecture	Black board & PPT
3.2.1	Operating surplus: meaning –Components of operating surplus	1	Lecture	Black board & PPT
3.2.2	Zero operating -Mixed Income of Self employed	1	Lecture	Black board & PPT
3.2.3	Calculation of Compensation of Employees and Operating Surplus.	5	Lecture	Black board

3.3	Net-factor income Abroad: Meaning – components of NFIA, Subsidy	1	Lecture	Black board
3.4	Transfer payments: meaning – current transfers and capital transfers, current transfers to the rest of the world and capital transfers from rest of the world	3	Lecture	Black board
3.5	Distinction: National wealth and national capital – national capital and national income.	1	Lecture	PPT
UNIT IV: MEASUREMENT OF NATIONAL INCOME				
4.1	Methods of measuring national income: a. Value added method: Steps involved and precautions taken while calculating National income by VA method, Calculation of GDP, NDP, GNP, NNP at market price and factor cost.	5	Lecture	Black board
4.2	Income method: Steps involved and precautions taken while calculating National income by income method, calculation of domestic income [NDP at FC], National income, private income, personal income, personal disposable income.	5	Lecture	Black board
4.3	Expenditure method: Steps involved and precautions taken while calculating National income by Expenditure method. Final consumption expenditure: Final consumption expenditure of general	5	Lecture	Black board

	government, households and of private non-profit institutions.			
UNIT V: CALCULATION OF DOMESTIC PRODUCT IN INDIA				
5.1	Pre independence and post independence estimates of national income	2	Lecture	Material
5.2	National income Committee, CSO: CSO methodology for computation of national income	3	Lecture	Material
5.3	Sectoral contributions of primary, manufacturing and tertiary sector in estimation of domestic product,	3	Lecture	Black board
5.4	White paper on national income [NAS]in India.	1	Lecture	Material
5.5	Difficulties in measuring national income in India	4	Lecture	Hand outs
5.6	Problem of double counting.	2	Lecture	Hand outs
UNIT VI - DYNAMISM/CURRENTAFFAIR				
6.1	A case study on calculating operating surplus and Compensation of employees of a firm	-	Discussion	Black board
6.2	A case study on self-employed personal towards mixed income in calculating National income	-	Discussion	Black board
6.3	Assignment on a case of double counting in any food processing Unit - Comprehensive Test	-	Discussion	Black board

Levels	**C1**	**C2**	**C3**	**C4**	**Total Scholastic Marks**	**Non Scholastic Marks C5**	**CIA Total**	**Percentage of**

	Seminar 5 Mks.	Better of W1, W2 5Mks.	M1+ M2 10 Mks	MID-SEM TEST 15 Mks	35 Mks.	5 Mks.	40 Mks.	Assessment
K2	**5**	**-**	**-**	**2 ½**	**-**		**-**	**-**
K3	**-**	**5**	**4**	**2 ½**	**5**		**5**	**12.5**
K4	**-**	**-**	**3**	**5**	**12**		**12**	**30**
K5	**-**	**-**	**3**	**5**	**9**		**9**	**22.5**
Non Scholastic	**-**	**-**	**-**	-	**9**		**9**	**22.5**
Total	**5**	**5**	**10**	**15**	**35**	**5**	**40**	**100**

CIA	
Scholastic	**35**
Non Scholastic	**5**
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

- **PG CIA Components**

			Nos		
C1	-	Test (CIA 1)	1	-	10 Mks

SCHOLASTIC			NON - SCHOLASTIC		MARKS
C2	-	Test (CIA 2)	1	-	10 Mks
C3	-	Assignment	2 *	-	5 Mks
C4	-	Open Book Test/PPT	2 *	-	5 Mks
C5	-	Seminar	1	-	5 Mks
C6	-	Attendance		-	5 Mks

The best out of two will be taken into account

COURSE OUTCOMES

On the successful completion of the course, students will be able to:

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	Empower the students to work in the field of CSO preparing Standard National Income Accounts.	K2	PSO1& PSO2
CO 2	Create and assess the useful tool for the working of NI in Modern economy.	K2, K3	PSO3
CO 3	Identify with double counting in National Income.	K2, K4	PSO5
CO 4	Helps in formulation of economic policy in an economy.	K2, K3 & K4	PSO4
CO5	Enrich the students' employability in corporate, quasi- corporate and unincorporated enterprises.	K2, K3	PSO4

Mapping COs Consistency with PSOs

CO/ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

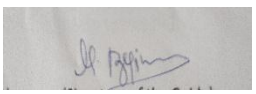
Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	2	3	3	2
CO3	3	3	2	3	3	2	3
CO4	3	2	3	3	3	1	3
CO5	3	3	3	1	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

COURSE DESIGNER **FORWARDED BY**



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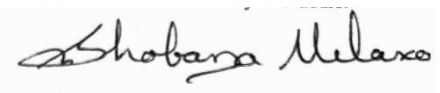


DR.SHOBANA NELASCO
HEAD OF THE DEPARTMENT

IV SEMESTER

II MA ECONOMICS ELECTIVE

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG4EE 4	INDUSTRIAL ECONOMICS	4	4

COURSE DESCRIPTION

This course provides an introduction to current theory and empirical work in Industrial economics.

COURSE OBJECTIVE/S

1. To provide knowledge to the students on the basic issues involved in the industrial development of India.
2. The students can enter into any industries with their sound knowledge about the various aspects of industries or take up self employment

UNIT- I INDUSTRIALIZATION (10HRS)

Meaning – Importance – Factors inhibiting industrial development – Remedial Measures – Industrial progress during five year plans(Self Study). Industrial location – Factors influencing location – Theories of Location - Sargant Florence Theory – Weber`s theory.

UNIT -II OWNERSHIP AND CONTROL OF INDUSTRIES (10 HRS)

Ownership and control of industries: Public sector, Private sector, Joint sector, co-operative sector (Self Study) Need and intervention of government - Ways and means, social control –Legal framework - Evaluation of industrial policies.

UNIT- III INDUSTRIAL FINANCE (10 HRS)

Owned, external and other sources of funds. Role, nature, volume and types of institutional finance - IDBI, IFCI, SFCs, SIDC(Self Study), commercial banks, etc., . Financial statement - Balance sheet, Profit and loss account - Assessment of financial soundness - Ratio analysis.

UNIT-IV PROJECT APPRAISAL (10HRS)

Cost-benefit analysis - Net Present Value (NPV) (Self Study) and internal rate of return (IRR) criteria - Balancing private and social returns.

UNIT -V INDUSTRIAL PROBLEMS AND PROSPECTS (10HRS)

Industrial sickness – Definition – Magnitude – Causes –Consequences – Government policy in regard to industrial sickness - Rationalization(Self Study) – Definition - Aims – Measures for carrying out rationalization – Advantages – Dangers – Attitudes of employers, workers and Government towards rationalization –Rationalization of industries in India. Industrial Clusters – Definition- The pure agglomeration model-The

industrial complex model-The social network model- Advantages and Disadvantages of Industrial Clusters.

REFERENCE BOOKS

1. Amarjit *Singh*; A N *Sadhu* "Industrial Economics", Himalaya Publishing house, Delhi, 1988
2. Barthwal, R.R. "Industrial Economics", New Age International Pvt. Ltd., 2010.
3. Cherunilam, F, Industrial Economics : Indian Perspective (3rd Edition), Himalaya Publishing House, Mumbai, 1994
4. Dhingra, I.C The Indian Economy Environment and Policy, Sultan Chand, 2014
5. Government of India, Economic Survey (Annual).
6. Kutchhal, S.C. , Industrial Economy of India (5th Edition), Chaitanya Publishing House, Allahabad, 1980
7. Misra and Puri, "Indian Industrial Economy", Himalaya Publishing house, New Delhi,
1989.
1. Sharma, A.K. "Industrial Economics', Anmol Publications Ltd, New Delhi, 2006.
2. Sivayya K.V& V.B.M. Dhas, "Industrial Economics", S. Chand Company Ltd. New Delhi, 1990

COURSE CONTENTS & TEACHING/LEARNING SCHEDULE

Module No.	Topic	No. of Lectures	Content Delivery Method	Teaching Aids
UNIT- I INDUSTRIALIZATION				
1.1	Meaning – Importance – Factors inhibiting industrial development	3	Chalk & Talk	Black Board
1.1:1	Remedial Measures – Industrial progress during five year plans	3	Chalk & Talk	Black Board
1.2	Industrial location	3	Lecture	PPT
1.2.1	Factors influencing location –	2	Flipped Learning	Online/ E-Content/
1.2.2	Theories of Location	1	Flipped Learning	Online/ E-Content/
1.2.3	Sargant Florence Theory, Weber`s theory.	3	Lecture	Black Board

UNIT -II OWNERSHIP AND CONTROL OF INDUSTRIES				
2.1	Input - Output Model. Ownership and control of industries	4	Lecture	Black Board
2.2	Public sector, Private sector, Joint sector, co-operative sector	3	Google	online
2.3	Need and intervention of government	3	Lecture	Black Board
2.4	Ways and means, social control –Legal framework -	2	Flipped Learning	Online/ E-Content/
2.5	Evaluation of industrial policies.	3	Lecture	Black Board
UNIT III:INDUSTRIAL FINANCE				
3.1	Owned, external and other sources of funds	2	Lecture	Black Board
3.2	Role, nature, volume and types of institutional finance	3	Lecture	Black Board
3.3	IDBI, IFCI, SFCs, SIDC, commercial banks, etc	5	Google	online
3.4	Financial statement - Balance sheet, Profit and loss account	3	Lecture	Black Board
3.5	Assessment of financial soundness - Ratio analysis	2	Flipped Learning	Online/ E-Content/
UNIT IV: PROJECT APPRAISAL				
4.1	Cost-benefit analysis - Net Present Value	2	Lecture	Black Board
4.2	Cost-benefit analysis - Net Present Value (NPV) and internal rate of return (IRR)	2	Lecture	Black Board
4.3	criteria - Balancing private and social returns	2	Discussion	ppt
UNIT V: INDUSTRIAL PROBLEMS AND PROSPECTS				

5.1	Industrial sickness	1	Lecture	Black Board
5.1.1	Definition – Magnitude – Causes –Consequences, – Government policy in regard to industrial sickness	3	Discussion	ppt
5.2	Rationalization ,	1	Lecture	Black Board
	Definition - Aims – Measures for carrying out rationalization – Advantages,Dangers	2	Lecture	Black Board
5.3	Attitudes of employers, workers and Government towards rationalization	2	Discussion	ppt
5.4	Rationalization of industries in India	1	Lecture, Discussion	LCD
5.5	Industrial Clusters – Definition	1	Lecture, Discussion	LCD
5.6	The pure agglomeration model-The industrial complex model-The social network model	2	Lecture, Discussion	LCD,PPT
5.7.	Advantages and Disadvantages of Industrial Clusters	2	Lecture, Discussion	LCD
UNIT VI DYNAMISM/CURRENTAFFAIR				
6.2	case study of current Industrial Problem in particular area.			Student submission in the class room PPT
6.3	Assignment on various Sources of industrial finance			Student submission in the class room PPT

Levels	C1	C2	C3	C4	Total Scholastic Marks	Non Scholastic Marks C5	CIA Total	Percentage of Assessment
	Seminar 5 Mks.	Better of W1, W2 5Mks.	M1+ M2 10 Mks	MID-SEM TEST 15 Mks	35 Mks.	5 Mks.	40 Mks.	
K2	5	-	-	2 ½	-		-	-
K3	-	5	4	2 ½	5		5	12.5
K4	-	-	3	5	12		12	30
K5	-	-	3	5	9		9	22.5
Non Scholastic	-	-	-	-	9		9	22.5
Total	5	5	10	15	35	5	40	100

CIA	
Scholastic	35
Non Scholastic	5
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

- **PG CIA Components**

			Nos		
C1	-	Test (CIA 1)	1	-	10 Mks
C2	-	Test (CIA 2)	1	-	10 Mks
C3	-	Assignment	2 *	-	5 Mks
C4	-	Open Book Test/PPT	2 *	-	5 Mks
C5	-	Seminar	1	-	5 Mks
C6	-	Attendance		-	5 Mks

The best out of two will be taken into account

COURSE OUTCOMES

On the successful completion of the course, students will be able to:

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	Understand the concept and theories of industrial economic	K2	PSO1& PSO2
CO 2	Describe and explain the determinants of the size and structure of firms and the implications of the separation of ownership and controls.	K2, K3	PSO3

CO 3	Analyze the sources of industrial finance	K2, K4	PSO5
CO 4	Gain knowledge in the field of cost benefit analysis	K2, K3 & K4	PSO4
CO5	Design the various problems according to the economic status	K2, K5	PSO4

Mapping COs Consistency with PSOs

CO/ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3

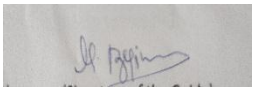
Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	2	3	3	2
CO3	3	3	2	3	3	2	3
CO4	3	2	3	3	3	1	3
CO5	3	3	3	1	3	3	3

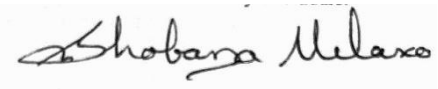
Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

COURSE DESIGNER **FORWARDED BY**



DR.M.REGINA MARY &



DR.SHOBANA NELASCO
HEAD OF THE DEPARTMENT

II SEMESTER
PG OFF CLASS PROGRAMME
WEB DESIGNING USING HTML AND DREAMWEAVER

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS	CREDITS
PAEC	19PADCA	WEB DESIGNING USING HTML AND DREAMWEAVER	40	4

COURSE DESCRIPTION

Introduction to Web Design using Dreamweaver is a introductory course to the fast growing industry of web site design and development.

COURSE OBJECTIVE/S

1. To develop the skill & knowledge of Web page designing using Dreamweaver

UNIT I: INTRODUCTION TO WEBSITES [6HRS]

Web Page Introduction – static web page - dynamic web page – user Interaction –What is World Wide Web - Different types of browser-Creating a web site

UNIT II: INTRODUCTION TO DREAMVIEWER [6 HRS]

Defining a site- Design View- Code View - Live View-Opening new file-saving a file-Creating a new HTML page in Dream Viewer

UNIT III: INTRODUCTION TO HTML [6 HRS]

Introduction-HTML Elements-HTML Head-HTML body- HTML Attributes-HTML Headings-HTML Paragraphs-HTML Formatting

UNIT IV: IMAGES AND LINK [6 HRS]

HTML Fonts-HTML Styles-HTML Links- HTML Images-HTML Colors-HTML list- Ordered List – Unordered List – Definition List

UNITV: TABLES AND FORMS [6 HRS]

Table Border-Adding Rows-Adding Columns-Forms-Input tags-Textbox-Label-Option button-Check box-Select Tag-Submit button-Reset button

TEXT BOOKS :

- Steven Holzner, HTML Black Book.
- Bruce Campbell & Rick Darnell, Dynamic Html
- N.P. Gopalan& J. Akilandeswari, Web Technology, 2nd edition, 2014, PHI Learing Private Ltd.

COURSE CONTENTS & TEACHING/LEARNING SCHEDULE

Module No.	Topic	No. of Lectures	Content Delivery Method	Teaching Aids
Unit -IINTRODUCTION TO WEBSITES				
1.1	Web Page Introduction – static web page - dynamic web page	2	Discussion	LCD AND PPT
1.2	–user Interaction –What is World Wide Web	2	lecture	LCD
1.3	Different types of browser-Creating a web site	2	Lecture	PPT & practical
Unit -IIINTRODUCTION TO DREAMVIEWER				
2.1	Defining a site- Design View- Code View	1	Discussion	LCD &practical
2.2	Live View-Opening new file-saving a file	1	lecture	LCD & practical
2.3	Creating a new HTML page in Dream Viewer	4	Lecture	PPT & practical
Unit –III INTRODUCTION TO HTML				
3.1	Introduction-HTML Elements-HTML Head-	2	Discussion	LCD AND PPT
3.2	HTML body- HTML Attributes-HTML Headings	2	lecture	LCD& practical
3.3	HTML Paragraphs-HTML Formatting	2	Lecture	PPT & practical
Unit- IV – IMAGES AND LINK				
4.1	HTML Fonts-HTML Styles-HTML Links-HTML Images	2	Discussion	LCD AND PPT

4.2	HTML Images-HTML Colors-HTML list-Ordered List	2	lecture	LCD& practical
4.3	Unordered List – Definition List	2	Lecture	PPT & practical
Unit – V TABLES AND FORMS				
5.1	Table Border-Adding Rows-Adding Columns	2	Discussion	LCD AND PPT
5.2	Forms-Input tags-Textbox-Label-Option button-	2	lecture	LCD & practical
5.3	Check box-Select Tag-Submit button-Reset button	2	Lecture	PPT & practical
UNIT VI DYNAMISM				
6.1	Encouraging them for using Dreamweaver to created websites			
6.2	To identify techniques for publishing sites			

Levels	**C1**	**C2**	**C3**	**C4**	**Total Scholastic Marks**	**Non Scholastic Marks C5**	**CIA Total**	**% of Assessment**
	Session -wise Average 5 Mks.	**Better of W1, W2 5 Mks**	**M1+M2 5+5=10 Mks.**	**MID-SEM TEST 15 Mks**	**35 Mks.**	**5 Mks.**	**40Mks.**	
K1	**5**	**-**	**-**	**2 ½**	**7.5**	-	**7.5**	18.75 %
K2	**-**	**5**	**4**	**2 ½**	**11.5**	-	**11.5**	28.75 %
K3	**-**	**-**	**3**	**5**	**8**	-	**8**	20 %
K4	**-**	**-**	**3**	**5**	**8**	-	**8**	20 %
Non Scholastic	**-**	**-**	**-**	-		**5**	**5**	12.5 %
Total	**5**	**5**	**10**	**15**	**35**	**5**	**40**	**100 %**

CIA	
Scholastic	**35**
Non Scholastic	**5**
	40

EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CIA	ESE	Total
10	10	5	5	5	5	40	60	100

PG CIA Components

			Nos		
C1	-	Test (CIA 1)	1	-	10 Mks
C2	-	Test (CIA 2)	1	-	10 Mks
C3	-	Assignment	1	-	5 Mks
C4	-	Open Book Test/PPT	2 *	-	5 Mks
C5	-	Quiz	2 *	-	5 Mks
C6	-	Attendance		-	5 Mks

COURSE OUTCOMES

On the successful completion of the course, students will be able to:

NO.	COURSE OUTCOMES	KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)	PSOs ADDRESSED
CO 1	Identify different types of web sites and URLs	K2	PSO1& PSO2
CO 2	Use Dreamweaver to create web site	K2, K3	PSO3
CO 3	Describe and apply HTML behaviors	K3 & K4	PSO5
CO 4	Use hyperlinks, graph in web site	K2, K3, K4	PSO1,PSO4
CO 5	Create a form and use HTML tags and attributes	K2 & K5	PSO5

Mapping C0s Consistency with PSOs

CO/ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	**3**	**3**	**3**	**3**	**3**
CO2	**3**	**3**	**3**	**3**	**3**
CO3	**3**	**3**	**3**	**3**	**3**
CO4	**3**	**3**	**3**	**3**	**3**
CO5	**3**	**3**	**3**	**3**	**3**

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**
♦ Weakly Correlated -**1**

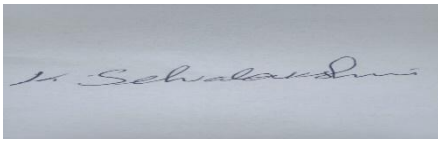
Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	2	3	3	2
CO3	3	3	2	3	3	2	3
CO4	3	2	3	3	3	1	3
CO5	3	3	3	1	3	3	3

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

COURSE DESIGNER **FORWARDED BY**



DR.K.SELVALAKSHMI **DR.SHOBANA NELASCO**
HEAD OF THE DEPARTMENT

III SEMESTER
II MA ECONOMICS
(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	20PGE3SL3	INDUSTRIAL ECONOMICS AND LABOUR LAWS		2

COURSE DESCRIPTION

The course narrates industrialization process, factors inhibiting industrial development, ownership pattern, state of industrial development in India and expose Industrial disputes and related laws to ensure Upgradation of labourers in industries.

COURSE OBJECTIVES

1. To enable the students to understand the importance of Industrial development.
2. To expose the students in analyzing the factors hindering industrial development.
3. To equip the students to understand the current issues of labour dispute and related laws.
4. To equip the students to prepare themselves for competitive exams like IES.
5. To help the students to face the TNPSC and UPSC exams.

UNIT-1: INDUSTRIALIZATION:

Meaning-Importance-factors inhibiting industrial development-remedial measures-ownership and control of industries-Private Sector, Public Sector, Joint Sector-Recent trends in Indian industrial growth-MNCs and transfer of Technology.

UNIT-2 INDUSTRIAL SICKNESS

Definition-Magnitutde-Causes-Consequences-Rationalisation-Meaning-Aims -Measures for carrying out rationalization -Advantages-Dangers-Industrial clusters.

UNIT-3 INDUSTRIAL FINANCE

Sources of funds-Industrial Finance-Sources of funds- Institutional finance-IDBI, IFCI, SFC, SIDC, Commercial banks-Balance sheets.

UNIT-4 : INDUSTRIAL DISPUTES

Industrial disputes – Meaning – Definition – Causes – Prevention - Settlement of Industrial disputes.

UNIT-5: PAYMENT OF WAGES ACT

Introduction- Objective –Scope and Coverage – Definitions- The Payment of wages (Amendment),2005- An Act further to Amend the Payment of Wages Act,1936.

UNIT – VI Dynamism and Currrent Affairs:

Study on accidental benefits – Enactment of new wage act – Role of trade unions in Labour welfare – Effects of Industrialization on labour health

Reference Books

1. Amarjit Singh; A N Sadhu “Industrial Economics”, Himalaya Publishing house, Delhi, 1988

2. Barthwal, R.R. “Industrial Economics”, New Age International Pvt. Ltd., 2010.

3. Cherunilam, F, Industrial Economics : Indian Perspective (3rd Edition), Himalaya Publishing House, Mumbai, 1994

4. Dhingra , I.C. The Indian Economy Environment and Policy, Sultan Chand, 2014

5. Government of India, Economic Survey (Annual).

6. Kutchhal, S.C. , Industrial Economy of India (5th Edition), Chaitanya Publishing House, Allahabad,1980

7. Misra and Puri, “Indian Industrial Economy”, Himalaya Publishing house, New Delhi,1. Ahluwalia, I. J. (1985), Industrial Growth in India, Oxford University Press, New Delhi.

8. C.B.Gubta, "Human Resource Management",(2009), Sultan Chand & Sons, 23, Daryaganj, New Dehli-110002.

9.B.Nandhakumar,"Industrial Relations Labour Welfare and Labour Laws",Vijay Nicole Imprints Private Limited, Chennai.

10. https://www.asianstudies.org/publications/eaa/archives/the-history-of-economic-development-in-india-since-independence/

CIA	
Assignment	**20**
Test	**20**
	40

- ✔ **All the course outcomes are to be assessed in CIA components.**
- ✔ **The levels of CIA Assessment based on Revised Bloom's Taxonomy for UG are :**

  K1- Remember, **K2-**Understand, **K3-**Apply, **K4-**Analyse

- ✔ **The UG course teachers are requested to start conducting C1, C2 in due intervals of time.**

EVALUATION PATTERN

CIA		MARKS		
C1	**C2**	**CIA**	**ESE**	**Total**
20	**20**	**40**	**60**	**100**

C1 – Assignment

C2 – Test

Levels	C1	C2	C3	C4	C5	Total Scholastic Marks	Non Scholastic Marks C5	CIA Total	% of Assessment
	T1 10 Mks.	T2 10 Mks	Quiz 5 Mks.	Assignment 5 Mks	OBT/ PPT 5 Mks	35 Mks.	5 Mks.	40Mks.	
K1	2	2	-	-	-	4	-	4	10 %
K2	2	2	5	-	-	9	-	9	22.5 %
K3	3	3	-	-	5	11	-	11	27.5 %
K4	3	3	-	5	-	11	-	11	27.5 %
Non Scholastic	-	-	-	-	-		5	5	12.5 %
Total	10	10	5	5	5	35	5	40	100 %

COURSE OUTCOMES (CO)

S: No	COURSE OUTCOME	Knowledge Level	PSOs ADDRESSED
CO 1	Become familiar with the state of the Industrial development.	K2	PSO1& PSO2
CO 2	Able to comprehend the factors that lead to the underdevelopment in the Indian economy.	K3	PSO3
CO 3	Impart knowledge on the Industrial disputes in India.	K4	PSO5

CO 4	Help the students to prepare for competitive examinations and face the TNPSC and UPSC exams where Indian Economy is a part of syllabus.	K5	PSO4
CO 5	Impart clear cut idea about Transfer of technology in India.	K2	PSO4

Mapping COs Consistency with PSOs

No.	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	2	2	3	3	2
CO 2	3	1	3	3	2
CO 3	3	2	3	3	2
CO 4	3	2	2	2	2
CO 5	1	1	1	3	3
CO6	1	1	1	3	3

Mapping of C0s with POs

CO/ PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	**1**	**1**	**1**	**1**	**2**	**2**	**1**
CO2	**2**	**1**	**1**	**1**	**1**	**2**	**1**
CO3	**2**	**1**	**1**	**1**	**1**	**2**	**1**
CO4	**2**	**1**	**1**	**1**	**2**	**2**	**1**
CO5	**2**	**1**	**1**	**1**	**1**	**2**	**1**

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**
♦ Weakly Correlated -**1**

Course Designers:

S. Ivy Jeno.

1.Dr.S.Ivy Jeno(Department of Economics)

2.Dr.M.Arasammal(Department of Commerce with Computer application)

III SEMESTER
II MA ECONOMICS
(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	20PGE4SL4	NUMERICAL ABILITY FOR COMPETITIVE EXAMINATION	-	2

COURSE DESCRIPTION

This course is designed to extend skills in problem solving and to foster mathematical creativity

COURSE OBJECTIVES

To enhance the problem solving skills, to improve the basic mathematical skills and to help students who are preparing for any type of competitive examinations

UNIT: I: BASIC NUMERACY AND DATA INTERPRETATION

HCF and LCM of Numbers – Fraction – Percentage – Average – Ratio and Proportion – Problems on Simple Equations – Chain Rule – Data Interpretation

UNIT: II LOGICAL REASONING AND ANALYTICAL ABILITY

Introduction – Reasoning based on Ranking - Reasoning based on Team Formations– Quantitative Reasoning – Sequences and Series – Blood Relations –Direction Test – Puzzles Test – Non-verbal Reasoning

UNIT: IIIGENERAL MENTAL ABILITY

Introduction – Syllogisms – Logical Deductions – Statement and Conclusions –Assertion and Reason – Mathematical operations – Set theory, Venn diagrams and Network diagrams – Permutations and Combinations

UNIT: IV APTITUDE AND MENTAL ABILITY TESTS

Conversion of information to data – collection, compilation and presentation of data – Tables, graphs, diagrams-Analytical interpretation of data, Simple and Compound interest, Length, Area, Perimeter, Time and Work.

UNIT: V GEOMETRY, MEASURES, HANDLING DATA AND PROBLEM SOLVING

Classifying 2-D,shapes – 3-D and 2-D shapes, working with coordinates. The metric system, Length, Area, and Perimeter of irregular shapes. Organizing, categorizing and representing data, Problem Solving.

Unit : VI Dynamism

Study on Logical reasoning based on Banking – Aptitude and Mental ability test – Conversion of information to data and Presentation of data

Reference Book:

1. General Studies Paper II for Civil Services Preliminary Examination, Arun Sharma, Madhukar Kumar Bhagat, AbhijitGuha, McGraw Hill Education India Pvt. Limited.
2. Test of Reasoning for Competitive Examinations, Edgar Thorpe, Tata McGraw Hill Education India Pvt. Limited.
3. Numerical Ability and Quantitative Aptitude, P. K. Mittal, Galgotia Publications, Pvt Limited.

CIA	
Assignment	**20**
Test	**20**
	40

- ✔ **All the course outcomes are to be assessed in CIA components.**
- ✔ **The levels of CIA Assessment based on Revised Bloom's Taxonomy for UG are :**

K1- Remember, **K2-**Understand, **K3-**Apply, **K4-**Analyse

- ✔ **The UG course teachers are requested to start conducting C1, C2 in due intervals of time.**

EVALUATION PATTERN

CIA		MARKS		
C1	C2	CIA	ESE	Total
20	20	40	60	100

C1 – Assignment

C2 – Test

COURSE OUTCOMES (CO)

No.	Course Outcome	Knowledge Level	PSOs ADDRESSED
CO 1	Solve some real life problems on numbers	K2	PSO1& PSO2
CO 2	Ability to understand logical reasoning	K2	PSO3
CO 3	Solve problems involving Permutations and Combinations	K3	PSO5
CO 4	Awareness on General aptitude and Mental ability test.	K4	PSO4
CO5	Gained knowledge on the Graphical shapes, and different metric system.	K5	PSO4

Mapping COs Consistency with PSOs

No.	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	2	2	3	3	2

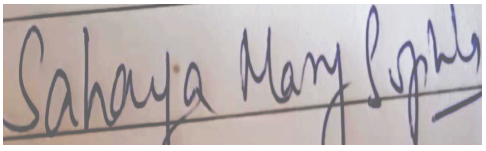
CO 2	3	1	3	3	2
CO 3	3	2	3	3	2
CO 4	3	2	2	2	2
CO 5	1	1	1	3	3

Mapping of C0s with POs

CO/ PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO 1	1	1	1	1	2	2	1
CO 2	2	1	1	1	1	2	1
CO 3	2	1	1	1	1	2	1
CO 4	2	1	1	1	2	2	1
CO 5	2	1	1	1	1	2	1

Note: ♦ Strongly Correlated – **3** ♦ Moderately Correlated – **2**
♦ Weakly Correlated -**1**

Course Designers:



1.Dr.C. Sahaya Mary Sophia(Department of Economics)

2.Dr.Vanitha(Department of Mathematics)