

## **FATIMA COLLEGE (AUTONOMOUS)**



**Re-Accredited with  
Cycle)**

**“A” Grade by NAAC (3<sup>rd</sup>**

**74<sup>th</sup> 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 : 2021-2022**

**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)**

<b>PEO 1</b>	Our graduates will be academic, digital and information literates; creative, inquisitive, innovative and desirous for the “more” in all aspects
<b>PEO 2</b>	They will be efficient individual and team performers, exhibiting progress, flexibility, transparency, accountability in their professional work
<b>PEO 3</b>	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
<b>PEO 4</b>	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:

<b>I. SOCIAL COMPETENCE</b>	
<b>GA 1</b>	Deep disciplinary expertise with a wide range of academic and digital literacy
<b>GA 2</b>	Hone creativity, passion for innovation and aspire excellence
<b>GA 3</b>	Enthusiasm towards emancipation and empowerment of humanity
<b>GA 4</b>	Potentials of being independent
<b>GA 5</b>	Intellectual competence and inquisitiveness with problem solving abilities befitting the field of research
<b>GA 6</b>	Effectiveness in different forms of communications to be employed in personal and professional environments through varied platforms
<b>GA 7</b>	Communicative competence with civic, professional and cyber dignity and decorum
<b>GA 8</b>	Integrity respecting the diversity and pluralism in societies, cultures and religions
<b>GA 9</b>	All – inclusive skill - sets to interpret, analyse and solve social and environmental issues in diverse environments
<b>GA 10</b>	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

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



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

### **PROGRAMME OUTCOMES (PO)**

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

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

<b>PO7</b>	Identify and assess societal challenges women's issues in specific, in the local, regional, national, global levels and explore solutions
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### **PROGRAMME SPECIFIC OUTCOMES (PSO)**

The Learners will be able to

<b>PSO 1</b>	Understand economic theories and functioning of economic system and motivate them to appear for subject based competitive exams
<b>PSO 2</b>	Prepare the students for career advancement that provide employment through competitive exams.
<b>PSO 3</b>	Prepare the students to develop creative thinking regarding current local, national and international policy issues
<b>PSO 4</b>	Enhance economic, social and technical skills
<b>PSO 5</b>	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:**

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	19PG3L9	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.		19PG3E12	FINANCIAL 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	H RS	CRE DIT S	CIA Mks	ES E Mk s	TOT. Mks
1.	I	19E1EDC	BUSINESS SKILLS FOR WOMEN	3	3	40	60	100
2.	II	19E2EDC	BUSINESS SKILLS FOR WOMEN	3	3	40	60	100
3.	III	19PG3EE1/ E2	AGRICULTURAL ECONOMICS/ GENDER ECONOMICS	4	4	40	60	100
4.		19PG3SIL1	Summer Internship	-	3	40	60	100
5.	IV	19PG4EE3/ E4	NATIONAL INCOME ACCOUNTING/ INDUSTRIAL ECONOMICS	4	4	40	60	100
6.		19PG4E17	Project	-	3	40	60	100
TOTAL				14	20			

## I SEMESTER

### I MA ECONOMICS

(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 seller. (Monopoly, Oligopoly, Duopoly,)
4. To equip them to face NET exam and other competitive exams.

#### UNIT I: INTRODUCTION& THEORY OF CONSUMPTIONS[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 demand law – Modern Utility Analysis of choice involving risk and uncertainty – Behaviorist approach of **Neumann**

**and Morgenstern and NM Utility Index(Self study)** – Friedman Savage Hypothesis.

### **UNIT III:THEORY OF PRODUCTION**

**[15HRS]**

Concept of production function – modern approach – Technological progress and production function - equilibrium of the firms – choice of optimal combination of factors – Ridge lines – Scale line – Expansion path – **Production function of multi product firm(Self study).**

### **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/CURRENTAFFAIR**

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

### **REFERENCES:**

#### **TEXT BOOKS**

1. Jhingan M.L. (2017) *Advanced Economic Theory*, Vrinda Publications [P] Ltd, New Delhi, 2<sup>nd</sup> 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. William, (1979), *Welfare Economics and Theory of State*, Prentice Hall, Inc., New Jersey.
5. Chopra M.L.(1996) *Advanced Economic Theory*, Kalyani Publishers, New Delhi, 8<sup>th</sup> and 9<sup>th</sup> Edition Reprinted.
6. Koutsoyiannis, (2001) *Advanced Micro Economics*, English Language Book Society, MacMillan Company, London, 1<sup>st</sup> and 2<sup>nd</sup> 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.

## WEB REFERENCES (OPTIONAL)

1. <http://www.economicdiscussion.net/theory-of-production/theory-of-production-and-the-production-function/12410>
2. [http://coin.wne.uw.edu.pl/siwinska/Lecture1\\_17a.pdf](http://coin.wne.uw.edu.pl/siwinska/Lecture1_17a.pdf)
3. <http://www.yourarticlelibrary.com/economics/market/market-structure-meaning-characteristics-and-forms-economics/28736>

## COURSE CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
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UNIT -IINTRODUCTION& THEORY OF CONSUMPTION				
1.1	Topic 1 Theory of Demand and Supply	3	Chalk & Talk	Black Boar d
1.1:1	Subtopics:	1	Chalk & Talk	
1.3	Meaning of demand, supply Law of demand Elasticity of demand, types,	4	Lecture	PPT & Whit e boar d
1.4	Various théories of demand and supply	1	Lecture	Black Boar d
1.5	Indifference curve analysis	2	Lecture	Black Boar d
1.6	Subtopics Price effect	1	Discussion	Black Boar d
1.7	Income effect	2	Specimen	Black Boar d
1.8	Substitution effect	1	Discussion	Black Boar d
UNIT -IIMODERN THEORIES OF CONSUMPTION				
2.1	Hicks revision of demand theory – weak and strong ordering	5	Lecture	Chart s



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/
<b>UNIT – III THEORY OF PRODUCTION</b>				
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
<b>UNIT IV - MARKET STRUCTURE</b>				

4.2	Different types of Market Perfect Competition, Monopoly, Monopolistic Competition, Duopoly, Oligopoly, Duopsony		Blended Learning	Black Board
4.3	Models: Cournot Model -Oligopoly – Cartels, Collective & Non-Collective Kinked Demand Curve.		Blended Learning	Black Board
<b>UNIT – V INFORMATION PROBLEM AND MARKETS WITH ASYMMETRIC INFORMATION</b>				
5.2	Information problem The market for lemons and adverse selection Asymmetric and the market failure The Insurance Market and adverse selection	9	Blended Learning	Black Board
5.3	Moral Hazard The problem of Moral Hazard Free rider problem Allocative Inefficiency	6	Blended Learning	Black Board
<b>UNIT VI DYNAMISM</b>				
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		

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

<b>K2</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>2 ½</b>	<b>-</b>		<b>-</b>	<b>-</b>
<b>K3</b>	<b>-</b>	<b>5</b>	<b>4</b>	<b>2 ½</b>	<b>5</b>		<b>5</b>	<b>12.5</b>
<b>K4</b>	<b>-</b>	<b>-</b>	<b>3</b>	<b>5</b>	<b>12</b>		<b>1 2</b>	<b>30</b>
<b>K5</b>	<b>-</b>	<b>-</b>	<b>3</b>	<b>5</b>	<b>9</b>		<b>9</b>	<b>22.5</b>
<b>Non Scholastic</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>9</b>		<b>9</b>	<b>22.5</b>
<b>Total</b>	<b>5</b>	<b>5</b>	<b>10</b>	<b>15</b>	<b>35</b>	<b>5</b>	<b>4 0</b>	<b>100</b>

CIA	
Scholastic	<b>35</b>
Non Scholastic	<b>5</b>
	<b>40</b>

## EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
<b>C 1</b>	<b>C2</b>	<b>C 3</b>	<b>C 4</b>	<b>C 5</b>	<b>C6</b>	<b>CI A</b>	<b>ES E</b>	<b>Tota l</b>
<b>10</b>	<b>10</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>40</b>	<b>60</b>	<b>100</b>

### • PG CIA Components

		Nos	
<b>C1</b>	- Test (CIA 1)	1	- 10 Mks
<b>C2</b>	- Test (CIA 2)	1	- 10 Mks
<b>C3</b>	- Assignment	2 *	- 5 Mks
<b>C4</b>	- Open Book Test/PPT	2 *	- 5 Mks

SCHOLASTIC	NON - SCHOLASTIC	MARKS
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**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

<b>C02</b>	3	3	3	3	3
<b>C03</b>	3	3	3	3	3
<b>C04</b>	3	3	3	3	3
<b>C05</b>	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
<b>C01</b>	3	3	3	3	3	3	3
<b>C02</b>	3	3	3	2	3	3	2
<b>C03</b>	3	3	2	3	3	2	3
<b>C04</b>	3	2	3	3	3	1	3
<b>C05</b>	3	3	3	1	3	3	3

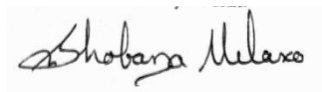
**Note:** ♦ Strongly Correlated – 3      ♦ Moderately Correlated – 2

♦ Weakly Correlated -1

### COURSE DESIGNER:

**Staff Name (Dr. C. Sahaya Mary Sophia )**

**Forwarded By**



**HOD NAME AND SIGN**

**I SEMESTER  
I MA ECONOMICS**

(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

#### **REFERENCES**

##### **TEXT BOOKS:**

Gupta S.P. (2001). *Statistics*, S. Chand & Company Ltd., New Delhi.

##### **REFERENCE BOOKS:**

1. Monga G.S.(2001) *Mathematics and Statistics for Economics*, Vikas Publishing House Pvt. Ltd., New Delhi.
2. Pillai & Bagawathi, R.S.N.(2001) *Statistics*, S. Chand & Company Ltd, New Delhi.
3. Gupta S.C and Kapoor V.K.(2003) *Fundamentals of Applied Statistics* Sultan Chand & Sons, New Delhi.
4. Elhance D.N and Aggarwal B.M.(2003) *Fundamentals of Statistics*, Kitab Mahal, Allahabad.
5. Hooda R.P.(2000) *Statistics for Business and Economics*, MacMillan, New Delhi.
6. Frank, Harry and Althoen, Steven,C.(2000) *Statistics: Concepts and Applications*, Cambridge University Press, Cambridge.
7. Richard I. Levin, David S. Rubin “Statistical for management” Dorling
8. Kindersley publication India, (2008). Seventh Edition 2008
9. Bajiley , Norman T.J (1997) *Statistical methods in biology*, London Cambridge

University press, 3<sup>rd</sup> edition.

10. Mills Frederick, C. (1955) *Statistical Methods*, New York, Henry Holt and company 3<sup>rd</sup> Edition.
11. Snedecor, George, *Statistical Methods* / George W. Snedecor and William G. Cochran 6th edition.
12. Edward, Allen, *Statistical Methods*, New York: Holt Rinehart and Winston Inc 3<sup>rd</sup> Edition.

### COURSE CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
<b>UNIT - I PROBABILITY AND THEORETICAL DISTRIBUTION</b>				
1.1	Topic 1 Probability Distribution	5	Lecture	Jam Board
1.1:1	Subtopics:		Lecture	
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
<b>UNIT - II PARAMETRIC TEST OF HYPOTHESIS</b>				
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
<b>UNIT – IIINON-PARAMETRIC TEST OF HYPOTHESIS</b>				
3.1	Sub topics Chi-square Test, the Sign Test, a Rank Sum Test, One Sample Runs Test, Kruskal-Wallis or H Test	10	Blended Learning	Jam Board
3.2	Spearman's Rank Correlation - Limitations of Non-Parametric Tests.	5	Blended Learning	Jam Board
<b>UNIT IV - TIME SERIES, INTERPOLATION AND EXTRAPOLATION</b>				
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
<b>UNIT – VSTATISTICAL QUALITY CONTROL CHART</b>				
5.1	Control Limits - Types of Control Charts – X Chart – R	9	Blended Method	Jam Board

	Chart – Control Chart for C – Control Chart for P			
5.2	Advantages & Limitations of Statistical Quality Control.	6	Lecture	Jam Board
<b>UNIT VI DYNAMISM</b>				
6.1	Motivating to work out problems independently for all the above statistical concepts			Encouraging them to choose a economic problem and apply new statistical tools to find out solution
6.2	Enabling to Collect and write review of articles with the above tools			

<i>Levels</i>	<b>C1</b>	<b>C2</b>	<b>C3</b>	<b>C4</b>	<b>Total Scholastic Marks</b>	Non Scholastic Marks <b>C5</b>	<b>CIA Total</b>	<b>Percentage of Assessment</b>
	<b>Seminar  5 Mks.</b>	<b>Better of W1, W2  5Mks.</b>	<b>M1+ M2  10 Mks</b>	<b>MID-SEM TEST  15 Mks</b>	<b>35 Mks.</b>	<b>5 Mks.</b>	<b>40Mks.</b>	
<b>K2</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>2 ½</b>	<b>-</b>		<b>-</b>	<b>-</b>
<b>K3</b>	<b>-</b>	<b>5</b>	<b>4</b>	<b>2 ½</b>	<b>5</b>		<b>5</b>	<b>12.5</b>
<b>K4</b>	<b>-</b>	<b>-</b>	<b>3</b>	<b>5</b>	<b>12</b>		<b>1 2</b>	<b>30</b>
<b>K5</b>	<b>-</b>	<b>-</b>	<b>3</b>	<b>5</b>	<b>9</b>		<b>9</b>	<b>22.5</b>

<b>Non Scholastic</b>	-	-	-	-	<b>9</b>		<b>9</b>	<b>22.5</b>
<b>Total</b>	<b>5</b>	<b>5</b>	<b>10</b>	<b>15</b>	<b>35</b>	<b>5</b>	<b>40</b>	<b>100</b>

CIA	
Scholastic	<b>35</b>
Non Scholastic	<b>5</b>
	<b>40</b>

## EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CI A	ES E	Total
10	10	5	5	5	5	40	60	100

### • PG CIA Components

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

SCHOLASTIC	NON - SCHOLASTIC	MARKS
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**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

<b>C05</b>	3	3	3	3	3
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**Note:** ♦ Strongly Correlated – **3**      ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

### Mapping COs Consistency with POs

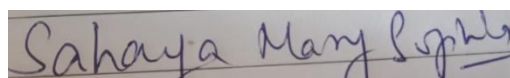
CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
<b>C01</b>	3	3	3	3	3	3	3
<b>C02</b>	3	3	3	2	3	3	2
<b>C03</b>	3	3	2	3	3	2	3
<b>C04</b>	3	2	3	3	3	1	3
<b>C05</b>	3	3	3	1	3	3	3

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

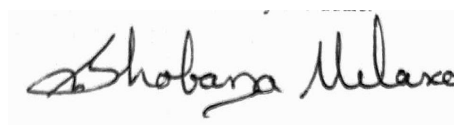
♦ Weakly Correlated -**1**

### COURSE DESIGNER:

**Staff Name**



**Dr.C.Sahaya Mary Sophia**



**Forwarded By**

**HEAD SIGN AND NAME**

**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-indices of development PQLI, HDI, Hunger Index, Education Index, Ecological foot print 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 - 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-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-portfolio investment, public sector reforms, Privatization and Disinvestment, MSME ,Industrial policy resolution of 1948,1956,1991.

### **UNIT: IV BUDGETING AND FISCAL POLICY**

**[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)**

### **UNIT:V RECENT POLICIES OF GOVERNMENT OF INDIA.**

**[15 HRS]**

Swatch Bharath-Jandhan Yojana-Saansad Adarsh Gram Yojana-Atal Pension Yojana-Awas Yojana-Jeevan Jyoti Bheema Yojana-Swasthya Bheema Yojana-Krishi Sinchi Yojana-Mudra Bank Yojana-Garib Kalyan Yojana-**SuganyaSamridhi Yojana (Self study)** -Digital Locker scheme and E-basta 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.

### COURSE CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
<b>UNIT – 1 DEVELOPMENTAL ISSUES: poverty, unemployment and human development.</b>				
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
<b>UNIT –II AGRICULTURE AND RURAL DEVELOPMENT STRATEGIES</b>				
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
<b>UNIT -III INDUSTRY</b>				
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
<b>UNIT : IV BUDGETING AND FISCAL POLICY</b>				
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
<b>UNIT V RECENT POLICIES OF GOVERNMENT OF INDIA.</b>				
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-SE M TEST				
	5 Mks.	5Mks.	10 Mks	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	<b>5</b>
	<b>40</b>

## 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	
<b>C1</b>	- Test (CIA 1)	1	- 10 Mks
<b>C2</b>	- Test (CIA 2)	1	- 10 Mks
<b>C3</b>	- Assignment	2 *	- 5 Mks
<b>C4</b>	- Open Book Test/PPT	2 *	- 5 Mks
<b>C5</b>	- Seminar	1	- 5 Mks
<b>C6</b>	- 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

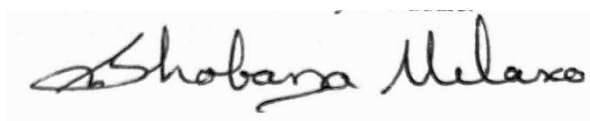
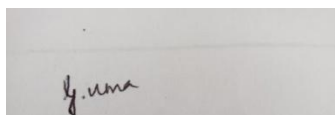
### Mapping COs Consistency with POs

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:**



**Staff Name**

**Dr.G.Uma**

**Forwarded By**

**HOD NAME AND SIGN**

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

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG1E 4	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 DEMAND AND SUPPLY OF MONEY: (15HRS)**

Definition – Functions of Money – Classification - Gold Standard -Managed Paper currency system. Supply of Money: Velocity of Money – Transaction Velocity and Income Velocity – Determinants of Money supply – Demand for Money: Keynes’ Three motives – **Theories of Money (Self study)** - Cash Transaction and Cash Balances.

**UNIT: II THEORIES OF MONEY (15HRS)**

Keynesian theory of Money and price Introduction- Keynes reformulated quantity theory of money - Superiority of Keynesian theory over the traditional quantity theory of money. **Friedmans restatement quantity theory of money. (Self study)**

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

Money market: Meaning – Characteristics – Functions – Institutions of Indian Money market – Instruments -**Commercial Banks: (Self study)** Importance – **Functions of commercial banks** – Credit Creation- Instruments of Credit – Nationalisation of Commercial Banks.

**UNIT: IV MONETARY POLICYAND CENTRAL BANKS (15HRS)**

Monetary policy: Meaning and Objectives – Role and effectiveness of Monetary Policy in a developing economy- Central Bank: **Functions of Central Bank** – Credit control: Qualitative and Quantitative - Departments of **Reserve Bank of India. (Self study)**

**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 (Self study)**, Internet Cheque, Smart Cards, Financial EDI, E-Wallets, micro transactions, payment clearing service providers. Internet Monetary payment and security requirements.

**UNIT VI: Dynamics:**

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

**REFERENCES**

**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.

**COURSE CONTENTS &LECTURE SCHEDULE**

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
<b>UNIT -1 INTRODUCTION</b>				
1.1	Definition – Functions of Money – Classification - Gold Standard -Managed Paper currency system.	4	Lecture	Google meet, PPT,



1.1:1	Supply of Money: Velocity of Money – Transaction Velocity and Income Velocity	4	Lecture	Google meet, PPT, Study Material
1.2	Determinants of Money supply – Demand for Money: Keynes' Three motives.	3	Blended teaching with practice	Google meet, Video, ppt
1.4	Theories of Money - Cash Transaction and Cash Balances .	4	Blended teaching	Google meet, Video, ppt
<b>UNIT -II THEORIES OF MONEY</b>				
2.1	Keynesian theory of Money and price -	5	Flipped Learning	Google meet, PPT, Study Material
2.2	Keynes reformulated the quantity theory of money.	3	Blended teaching with practice	Google meet, PPT, Study Material
2.3	Superiority of Keynesian theory over the traditional quantity theory of money.	4	Blended teaching with practice	Google meet, PPT, Study Material
2.4	Friedman's restatement quantity theory of money	3	Blended teaching with practice	Google meet, PPT, Study Material
<b>UNIT: III MONEY MARKET AND COMMERCIAL BANKS</b>				
3.1	Money market: Meaning – Characteristics – Functions	5	Blended teaching with practice	Google meet, PPT, Study Material
3.2	Institutions of Indian Money market – Instruments	3	Blended teaching with practice	Google meet, Keynote, Study Material
3.3	Commercial Banks: Importance- Functions of commercial banks	4	Blended teaching with practice	Google meet, Keynote, Study Material

3.4	Credit Creation- Instruments of Credit	3	Blended teaching with practice	Google meet, Keynote, Study Material
3:5	Nationalisation of Commercial Banks	3	Blended teaching with practice	Google meet, Keynote, Study Material
<b>UNIT: IV MONETARY POLICY AND CENTRAL BANKS:</b>				
4.1	Monetary policy: Meaning and Objectives	5	Blended teaching with practice	Google meet, PPT, Study Material
4.2	Role and effectiveness of Monetary Policy in a developing economy	3	Blended teaching with practice	Google meet, PPT, Study Material
4.3	Central Bank: Functions of Central Bank	4	Blended teaching with practice	Google meet, PPT, Study Material
4.4	Credit control: Qualitative and Quantitative	3	Blended teaching with practice	Google meet, Keynote, Study Material
4:5	Departments of Reserve Bank of India	3	Blended teaching with practice	Google meet, Keynote, Study Material
<b>UNIT: V ELECTRONIC MONEY AND BANKING:</b>				
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	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
<b>UNIT VI DYNAMISM</b>				
	KIOSKS – Case study of banking services- 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	Better of W1, W2	M1+ M2	MID-SEM TEST				
	5 Mks.	5Mks.	10 Mks	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	<b>35</b>
Non Scholastic	<b>5</b>
	<b>40</b>

## 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	
<b>C1</b>	- Test (CIA 1)	1	- 10 Mks
<b>C2</b>	- Test (CIA 2)	1	- 10 Mks
<b>C3</b>	- Assignment	2 *	- 5 Mks
<b>C4</b>	- Open Book Test/PPT	2 *	- 5 Mks
<b>C5</b>	- Seminar	1	- 5 Mks
<b>C6</b>	- 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	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

<b>CO5</b>	3	3	3	3	3
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**Note:** ♦ Strongly Correlated – **3**                      ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

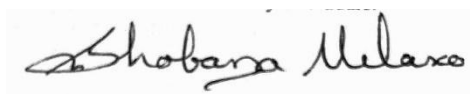
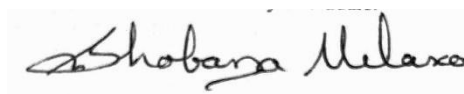
### Mapping COs Consistency with POs

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

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

♦ Weakly Correlated -**1**

**COURSE DESIGNER:**

**Staff Name**

**Forwarded By**

**Dr.Shobana Nelasco**

**Dr.Shobana Nelasco**

**HOD NAME AND SIGN**

**II SEMESTER**  
**I MA ECONOMICS**

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG2E 5	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]

Concept: Micro- Macro relations-stock and flow relationships – national income and social accounting- NNP, GNP at current prices, market prices-factor prices. **Trends in the growth of GDP (Self study)- Inflation – Deflation**

**UNIT-II CONSUMPTION AND INVESTMENT FUNCTION**

[15 HRS]

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 HRS]

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 HRS]

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 HRS]

Macroeconomic Policy: Objectives of Macroeconomic policy –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:

Jhingan,M.L.(1983). *Macro Economics*, Konark Publishers Private Limited,Delhi 1<sup>st</sup> 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.
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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. Press Cambridge, Massachusetts.
12. Rakesh Bijlani [2011] *Business Cycles Theory and Practice*, Adhyayan Publishers and distributors, New Delhi.
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#### COURSE CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Content Delivery Method	Teaching Aids
<b>UNIT -1 INTRODUCTION</b>				
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

<b>UNIT -2 : CONSUMPTION AND INVESTMENT FUNCTION</b>				
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
<b>UNIT -3 :IS &amp; LM FUNCTION</b>				
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
<b>UNIT-4 : BUSINESS CYCLE</b>				
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
<b>UNIT -5 MACRO ECONOMIC POLICY</b>				
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
<b>UNIT -6 : DYNAMISM</b>				
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	Better of W1, W2	M1+ M2	MID-SEM TEST				
	5 Mks.	5Mks.	10 Mks	15 Mks	35 Mks.	5 Mks.	40 Mks.	
K2	5	-	-	2 ½	-		-	-

<b>K3</b>	-	5	4	2 ½	5		5	12.5
<b>K4</b>	-	-	3	5	12		12	30
<b>K5</b>	-	-	3	5	9		9	22.5
<b>Non Scholastic</b>	-	-	-	-	9		9	22.5
<b>Total</b>	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	
<b>C1</b>	- Test (CIA 1)	1	- 10 Mks
<b>C2</b>	- Test (CIA 2)	1	- 10 Mks
<b>C3</b>	- Assignment	2 *	- 5 Mks
<b>C4</b>	- Open Book Test/PPT	2 *	- 5 Mks

SCHOLASTIC	NON - SCHOLASTIC	MARKS
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**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
<b>CO 1</b>	Evaluate the modern existing application oriented theories	K2	PSO1& PSO2
<b>CO 2</b>	Derive a plan to compete and win the competitive examinations like IAS,IES,and NET	K2, K3	PSO3
<b>CO 3</b>	Identify the impact of fluctuations in macroeconomic concepts on economic growth.	K2, K4	PSO5
<b>CO 4</b>	Assess the policies implemented by government to set right the economic problems faced by the nation.	K2, K3 & K4	PSO4
<b>CO 5</b>	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:**

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**Staff Name Dr.S.IvyJeno**

*Shobana Melasco*

**Forwarded By**

**Dr.ShobanaNelasco**

**HOD NAME AND SIGN**

## II SEMESTER

### I MA ECONOMICS

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG2E 6	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, Iteration, Game Theory and Linear Programming

### **REFERENCES**

#### **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.

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12. Monga .G.S.(2001). *Mathematics and Statistics for Economics*, Vikas Publishing House Pvt. Ltd., New Delhi.

#### **COURSE CONTENTS & LECTURE SCHEDULE**

<b>Module No.</b>	<b>Topic</b>	<b>No. of Lectures</b>	<b>Teaching Pedagogy</b>	<b>Teaching Aids</b>
<b>UNIT - I DIFFERENTIATION</b>				
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 –Economic applications of Derivatives .	5	Blended Method	Black Board
<b>UNIT -II PARTIAL DIFFERENTIATION</b>				
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	9	Blended Learning	Black Board

	discriminating monopoly – Properties of Cobb- Douglas production function and CES production function.			
<b>UNIT – III INTEGRATION</b>				
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		
<b>UNIT IV - GAME THEORY</b>				
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
<b>UNIT – V LINEAR PROGRAMMING</b>				
5.1	Sub topics:	9	Blended Method	Black Board

	Introduction to Linear Programming Problem- Formulation of LPP Problem – Solution of LPP using graphical and simplex method.			
5.3	Solving LPP involving surplus variables – Duality in LPP – Shadow prices.	6	Lecture	Black Board
<b>UNIT VI DYNAMISM &amp; CURRENT AFFAIRS</b>				
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 Schol astic Marks	Non Scholastic Marks C5	CIA Total	Percenta ge of Assessm ent
	Semi nar	Bet ter of W1, W2	M1+ M2	MID -SE M TES T				
	5 Mks.	5M ks.	10 Mks	15 Mks	35 Mks.	5 Mks.	40 Mk s.	
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

<b>Non Scholastic</b>	-	-	-	-	<b>9</b>		<b>9</b>	<b>22.5</b>
<b>Total</b>	<b>5</b>	<b>5</b>	<b>10</b>	<b>15</b>	<b>35</b>	<b>5</b>	<b>40</b>	<b>100</b>
CIA								
Scholastic	<b>35</b>							
Non Scholastic	<b>5</b>							
	<b>40</b>							

## EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
C1	C2	C3	C4	C5	C6	CI A	ES E	Total
10	10	5	5	5	5	40	60	100

### • PG CIA Components

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

<b>CO5</b>	3	3	3	3	3
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**Note:** ♦ Strongly Correlated – **3**                      ♦ Moderately Correlated – **2**

♦ Weakly Correlated -**1**

### Mapping COs Consistency with POs

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

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

♦ Weakly Correlated -**1**

**COURSE DESIGNER:**

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**II SEMESTER**  
**I MA ECONOMICS**

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG2E 7	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/CURRENTAFFAIR**

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,  
New Delhi, 1998
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5. Anthony Saunders, “Financial Markets and Institutions”, Tata McGraw-Hill.
6. Peter S. Rose, “Money and Capital Markets – Financial Institutional & Instruments in a Global Market Place”, [ International Edition]
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### COURSE CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
<b>Unit -1 INTRODUCTION</b>				
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
<b>Unit -2 UNIT II: BANKING INSTITUTIONS</b>				
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/
<b>UNIT III:NON-BANKING FINANCIAL INSTITUTIONS</b>				
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
<b>UNIT IV: TYPES OF MARKETS</b>				
	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	
<b>UNIT V: STOCK EXCHANGES IN INDIA</b>				
	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 C5	CIA Total	Percentage of Assessment
	Seminar	Better of W1, W2	M1+ M2	MID-SEM TEST				

	5 Mks.	5Mks.	10 Mks	15 Mks	35 Mks.	5 Mks.	40Mks.	
<b>K2</b>	<b>5</b>	-	-	<b>2 ½</b>	-		-	-
<b>K3</b>	-	<b>5</b>	<b>4</b>	<b>2 ½</b>	<b>5</b>		<b>5</b>	<b>12.5</b>
<b>K4</b>	-	-	<b>3</b>	<b>5</b>	<b>12</b>		<b>12</b>	<b>30</b>
<b>K5</b>	-	-	<b>3</b>	<b>5</b>	<b>9</b>		<b>9</b>	<b>22.5</b>
<b>Non Scholastic</b>	-	-	-	-	<b>9</b>		<b>9</b>	<b>22.5</b>
<b>Total</b>	<b>5</b>	<b>5</b>	<b>10</b>	<b>15</b>	<b>35</b>	<b>5</b>	<b>40</b>	<b>100</b>
CIA								
Scholastic	<b>35</b>							
Non Scholastic	<b>5</b>							
	<b>40</b>							

## 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

<b>C1</b>	-	Test (CIA 1)	1	-	10 Mks
<b>C2</b>	-	Test (CIA 2)	1	-	10 Mks

SCHOLASTIC	NON - SCHOLASTIC	MARKS
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<b>C3</b>	- Assignment	2 *	- 5 Mks
<b>C4</b>	- Open Book Test/PPT	2 *	- 5 Mks
<b>C5</b>	- Seminar	1	- 5 Mks
<b>C6</b>	- 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
<b>CO 1</b>	To make the students to understand the Financial System	K2	PSO1& PSO2
<b>CO 2</b>	To make aware of Money Market and Indian Stock Exchange.	K2, K3	PSO3
<b>CO 3</b>	To equip them to face IES, IAS exams and NET exam	K2, K4	PSO5
<b>CO 4</b>	To know the latest technology of financial system evaluate the .merits and demerits of online trading	K2, K3 & K4	PSO4
<b>CO 5</b>	To calculate the SENSEX in Financial system.	K3& K5	PSO4

## Mapping COs Consistency with PSOs

CO/ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
---------	------	------	------	------	------

<b>CO1</b>	3	3	3	3	3
<b>CO2</b>	3	3	3	3	3
<b>CO3</b>	3	3	3	3	3
<b>CO4</b>	3	3	3	3	3
<b>CO5</b>	3	3	3	3	3

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

♦ Weakly Correlated -**1**

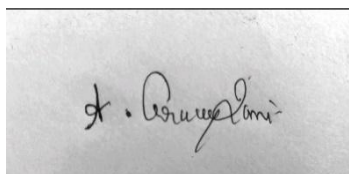
### Mapping COs Consistency with POs

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

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

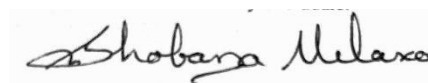
♦ Weakly Correlated -**1**

**COURSE DESIGNER:**



**Staff Name**

**Mrs. A. Gracy Rani**



**Forwarded By**

**Dr. Shobana Nelasco**

**HOD NAME AND SIGN**



**II SEMESTER**  
**I MA ECONOMICS**

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG2E 8	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

### 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  
Editorial Panel, “Step by Step Micro Soft Excel 2007”, MBD International Publishing.

### COURSE CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
<b>Unit -1 DATA ANALYSIS USING SPSS</b>				
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
<b>UNIT II SINGLE USER DBMS</b>				
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
<b>UNIT III MULTI USER DBMS and basics of R</b>				

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
<b>UNIT IV: DATA ANALYSIS USING E VIEWS</b>				
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
<b>UNIT V: DATA ANALYSIS USING STATA</b>				
5.1	Descriptives		TV & Projector	Computers
5:2	Graph		TV & Projector	Computers
5.3	Correlation		TV & Projector	Computers
5.4	Regression		TV & Projector	Computers
<b>Unit VI: DYNAMISM</b>				
	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
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	Seminar	Better of W1, W2	M1+ M2	MID -SE M TEST				
	5 Mks.	5Mks.	10 Mks	15 Mks	35 Mks.	5 Mks.	40Mks.	
<b>K2</b>	5	-	-	2 ½	-		-	-
<b>K3</b>	-	5	4	2 ½	5		5	12.5
<b>K4</b>	-	-	3	5	12		12	30
<b>K5</b>	-	-	3	5	9		9	22.5
<b>Non Scholastic</b>	-	-	-	-	9		9	22.5
<b>Total</b>	<b>5</b>	<b>5</b>	<b>10</b>	<b>15</b>	<b>35</b>	<b>5</b>	<b>40</b>	<b>100</b>

CIA	
Scholastic	<b>35</b>
Non Scholastic	<b>5</b>
	<b>40</b>

## 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**

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

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

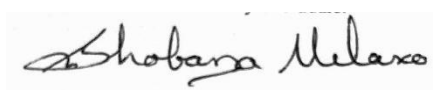
### Mapping COs Consistency with POs

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

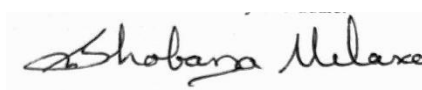
♦ Weakly Correlated -1

**COURSE DESIGNER:**



**Staff Name**

**Dr.ShobanaNelasco**



**Forwarded By**

**Dr.ShobanaNelasco**

**HOD NAME AND SIGN**

**III SEMESTER**  
**II MA ECONOMICS**

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG3E 9	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. To equip the student with sound knowledge to appear for IES, IAS, NET, SET, JRF and other competitive examinations.
2. To enrich the knowledge of the students about the various concepts, theories and models of economic development.
3. To enable the students to understand the role of foreign Aid and foreign capital in Economic Development
4. To 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. - **Amarthya Sen’s capability approach to economic development.(Self Study)**

**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 Theory – **Balanced and Unbalanced growth (Self Study)** – 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 – impact of COVID 19 On Economy Development Oriented Economic Policies – Changes In Institutional Framework – **State Participation In Economic Development-(Self Study).**

### **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(Self Study)** – Factors Determining The Amount Of Foreign Aid For Economic Development – Aid Or TradeTwo – gap model – A Critical Appraisal – Costs And Benefits Of Aid – Its Implications

### **UNIT V: TECHNOLOGICAL CHANGE AND ECONOMIC DEVELOPMENT[15 HRS]**

Role Of Technology In Economic Development – Transfer Of Technology To Underdeveloped Countries – **Choice Of Appropriate Technology (Self Study)** – Brain Drain – Technological Development In India.

### **UNIT VI - DYNAMISM/CURRENTAFFAIR:**

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, 4<sup>th</sup> Edition, 1996.
2. K.R. Gupta, “Economics of Growth Planning”, RamlalPury of Atma Ram & Sons, Delhi, 2<sup>nd</sup> Edition, 1971.
3. M.L. Jhingan, “Economics of Development and Planning”, Konark Publishers Private Limited, Delhi, 26<sup>th</sup> Edition, 1993.
4. R.L. Goel, Meenakshi Prakashan, “Economics of Growth Planning”, New Delhi, 5<sup>th</sup> Edition, [ Revised & Enlarged],
5. K.D. Gaur, Sarup& Sons, “Economics of Growth Planning”, New Delhi,
6. 1<sup>st</sup> Edition 1995.



7. Taneja Myer “ Economics of Development and Planning “ Shoban Lal  
Nagin

Chand & Co Jalandhar City -144004

**COURSE CONTENTS & LECTURE SCHEDULE**

<b>Module No.</b>	<b>Topic</b>	<b>No. of Lectures</b>	<b>Teaching Pedagogy</b>	<b>Teaching Aids</b>
<b>Unit -1 MODELS OF ECONOMIC DEVELOPMENT</b>				
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. - Amartya Sen’s capability approach to economic development.	7	Lecture	LCD
<b>UNIT II: UNIT II: THEORIES OF GROWTH AND DEVELOPMENT</b>				
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
<b>UNIT III STATE AND ECONOMIC DEVELOPMENT</b>				
3.1	Creation Of Social and Economic Overheads - Agricultural Development – Industrial Development – Reduction Of	8	Lecture	Block board

	Inequalities – Optimum Allocation Of Resources And Creation Of Full Employment –			
3.2	– Development Oriented Economic Policies –Changes In Institutional Framework – State Participation In Economic Development.	7	Lecture	Black Board
<b>Unit -IV : FOREIGN CAPITAL AND AID IN ECONOMIC DEVELOPMENT</b>				
4.1	Types Of Foreign Capital - Role Of Foreign Aid – Case For Foreign Aid – Case Against Foreign Aid	6	Lecture	WhiteBoard
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	Block Board
4.3	Costs And Benefits Of Aid – Its Implications	4	Lecture	Text Books /Materials
<b>UNIT V TECHNOLOGICAL CHANGE AND ECONOMIC DEVELOPMENT</b>				
:				
5.1	Role Of Technology In Economic Development – Transfer Of Technology To Underdeveloped Countries	7	Lecture	Block 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	Better of W1, W2	M1+M2 <i>10 Mks</i>	MID-SEMI TEST				
	5 Mks.	5Mks.	<i>10 Mks</i>	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	<b>5</b>
	<b>40</b>

## 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	
<b>C1</b>	- Test (CIA 1)	1	- 10 Mks
<b>C2</b>	- Test (CIA 2)	1	- 10 Mks
<b>C3</b>	- Assignment	2 *	- 5 Mks
<b>C4</b>	- Open Book Test/PPT	2 *	- 5 Mks
<b>C5</b>	- Seminar	1	- 5 Mks
<b>C6</b>	- 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
-----	-----------------	--	----------------

		<b>BLOOM'S TAXONOMY)</b>	
<b>CO 1</b>	Discuss the models of Economics Development	K2	PSO1& PSO2
<b>CO 2</b>	Analyse the theories of Economics Development	K2, K3	PSO3
<b>CO 3</b>	Assess the role of state in Economic Development	K2, K4	PSO5
<b>CO 4</b>	Evaluate the impact of foreign capital and Foreign aid on Economic Development	K2, K3 & K4	PSO4
<b>CO 5</b>	Analyse the impact of Transfer of Technology and Brain drain	K3& K5	PSO4

### Mapping COs Consistency with PSOs

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

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

♦ Weakly Correlated -**1**

### Mapping COs Consistency with POs

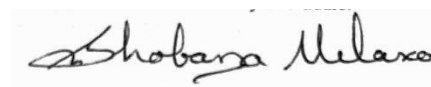
CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C01	3	3	3	3	3	3	3
C02	3	3	3	2	3	3	2
C03	3	3	2	3	3	2	3
C04	3	2	3	3	3	1	3
C05	3	3	3	1	3	3	3

**Note:** ♦ Strongly Correlated – 3

♦ Moderately Correlated – 2

♦ Weakly Correlated -1

**COURSE DESIGNER:**



**Staff Name**

**Dr. M. Regina Mary**

**Forwarded By**

**Dr.Shobana Nelasco**

**HOD NAME AND SIGN**

**III SEMESTER**  
**II MA ECONOMICS**

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG3E1 0	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 - 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 Koyck 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.

**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.



## COURSE CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
<b>UNIT I: INTRODUCTION</b>				
1.1	Definition of Econometrics	3	Lecture	Black Board
1.2	Econometrics and Mathematical economics Econometrics and statistics	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
<b>UNIT II: SIMPLE &amp; MULTIPLE REGRESSION ANALYSIS</b>				
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
<b>UNIT III: VIOLATIONS OF CLASSICAL ASSUMPTIONS: REGRESSION DIAGNOSTICS</b>				
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
<b>UNIT IV: DYNAMIC ECONOMETRIC MODELS</b>				
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 Koyck Approach.	4	Lecture/Chalk & Talk	Green Board
<b>UNIT V: DUMMY VARIABLES</b>				

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	4	Lecture	PPT & Black board
5.4	Use of dummy variables in seasonal analysis	4	Lecture	PPT & Black board
<b>UNIT VI - DYNAMISM/CURRENTAFFAIR</b>				
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.	
<b>K2</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>2 ½</b>	<b>-</b>		<b>-</b>	<b>-</b>
<b>K3</b>	<b>-</b>	<b>5</b>	<b>4</b>	<b>2 ½</b>	<b>5</b>		<b>5</b>	<b>12.5</b>

<b>K4</b>	-	-	3	5	12		12	30
<b>K5</b>	-	-	3	5	9		9	22.5
<b>Non Scholastic</b>	-	-	-	-	9		9	22.5
<b>Total</b>	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	
<b>C1</b>	- Test (CIA 1)	1	- 10 Mks
<b>C2</b>	- Test (CIA 2)	1	- 10 Mks
<b>C3</b>	- Assignment	2 *	- 5 Mks

<b>C4</b>	-	Open Book Test/PPT	2 *	-	5 Mks
<b>C5</b>	-	Seminar	1	-	5 Mks
<b>C6</b>	-	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
<b>CO 1</b>	Facilitate students familiar with the application of econometrics in Economic theory.	K2	PSO1
<b>CO 2</b>	Enable students to interpret and grasp the essentials of regression output to allow them to access journal articles	K2, K3	PSO4
<b>CO 3</b>	Demonstrate knowledge of regression analysis OLS	K2, K4	PSO2
<b>CO 4</b>	Appraise the problems associated with using OLS when classical assumptions are violated	K2, K3 & K4	PSO3
<b>CO 5</b>	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

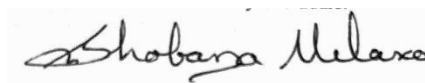
**Note:** ♦ Strongly Correlated – 3      ♦ Moderately Correlated – 2

♦ Weakly Correlated -1

**COURSE DESIGNER:**



**Staff Name: Dr. P.ANITA**



**Forwarded By**

**Dr.Shobana Nelasco**

**HOD NAME AND SIGN**

**III SEMESTER**  
**II MA ECONOMICS**

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG3E1 1	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- Motivation in Research- Types of Research- Research approaches - Significance of Research and Scientific Method Research Process - Criteria of Good Research -Problems Encountered by Researchers in India- **Plagiarism check(Self Study)** and Ethics in Research

## **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. Hypothesis testing: Garret ranking – likert scale – Gini ratio – Factor Analysis – Swot Analysis  
Census and Sample Survey – Criteria for Selecting a Sample Procedure – Different Types of Sampling.

Secondary Data: Sources of Secondary Data – Precautions in the use of Secondary Data – Merits & Demerits. Student t-test, Chow test, F-test, Z-test, Unit root test, Chi-squared test, Compound growth rate, and Stability Analysis

## **UNIT IV: FORMULATION AND TESTING OF HYPOTHESIS [ 15 Hrs]**

Definition of Hypothesis. Role of Hypothesis – Types of Hypothesis – Criteria for useful Hypothesis – its Formulation. **Procedure for Testing Hypothesis (Self Study)** – level of significance.

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

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

**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, 5<sup>th</sup> Edition, 2003.
2. Ghosh B.N., “Scientific Method & Social Research”, Sterling Publishers Pvt.Ltd., New Delhi, 4<sup>th</sup> Edition 1987.
3. Goode and Hatt, “Methods and Social Research”, McGraw Hill International Book Company, 23<sup>rd</sup> 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, 3<sup>rd</sup> reprint Edition, 2004.
6. Sadhu & Singh, “Research Methodology in Social Sciences”, Himalaya Publishing House, Mumbai, 2<sup>nd</sup> 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

<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	3	PPT and lecture	LCD
1.2	Motivation in Research- Types of Research	3	You tube videos	Black board
1.3	Research approaches	3	Lecture	Class room
1.4	Scientific Method Research Process - Criteria of Good Research	3	PPT and lecture	LCD
1.5	Problems Encountered by Researchers in India.	3	PPT and lecture	LCD
1.6	Plagiarism check and Ethics in Research	3	PPT and lecture	LCD
<b>UNIT: II RESEARCH PROBLEM AND RESEARCH DESIGN</b>				
2.1	Research Problem Criteria of a Good Research Problem. Components of a Research Design	3	Class room lecture	black Board
2.2	Identification of the Problem – Formulation of the 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	Types of Research Design.	3	Class room lecture	Smart board
<b>UNIT III: METHODS OF DATA COLLECTION</b>				
3.1	Primary Data Mailed Questionnaire, Census and Sample Survey —	3	Lecture and discussion	Smart Board
3.2	Schedules, Interview Method	2	Lecture	Smart Board

3.3	Observation and Case Study. Merits and Demerits of Primary Sources.	3	Lecture	Black Board
3.4	Criteria for Selecting a Sample Procedure	2	Lecture	Smart Board
3.5	Different Types of Sampling.	3	Lecture	Smart Board
3.6	Secondary Data: Sources of Secondary Data – Precautions in the use of Secondary Data – Merits & Demerits.	2	Lecture	Black Board
<b>UNIT IV: FORMULATION AND TESTING OF HYPOTHESIS</b>				
4.1	Definition of Hypothesis. Criteria for useful Hypothesis –	3	Lecture	Smart Board
4.2	Role of Hypothesis – Types of Hypothesis –	3	Lecture	Smart Board
4.3	Formulation, Procedure for Testing Hypothesis – level of significance.	3	Lecture	Black Board
<b>UNIT V: PROCESSING OF DATA AND REPORT WRITING</b>				
5.1	Data Processing – Scaling Techniques –Analysis and Interpretation of Data –Format for Research Report	4	Lecture	Black board
5.2	,Likert's Scale - Tabulation – Editing – Coding	4	Lecture	Black board
5.3	Precautions Interpretation – Steps in Report Writing	4	Lecture	Black board
5.4	Preliminary, Text, Reference Material – Foot Note, Index, Bibliography.	3	Lecture	Black board
<b>UNIT – VI DYNAMISM</b>				

	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 5Mks.	M1+M2 10 Mks	MID-SEM TEST 15 Mks	35 Mks.	5 Mks.	40Mks.	
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

	<b>40</b>
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## 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	
<b>C1</b>	- Test (CIA 1)	1	- 10 Mks
<b>C2</b>	- Test (CIA 2)	1	- 10 Mks
<b>C3</b>	- Assignment	2 *	- 5 Mks
<b>C4</b>	- Open Book Test/PPT	2 *	- 5 Mks
<b>C5</b>	- Seminar	1	- 5 Mks
<b>C6</b>	- 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
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		<b>BLOOM'S TAXONOMY)</b>	
<b>CO 1</b>	Understand some basic concepts of research and its methodologies	K2	PSO1& PSO2
<b>CO 2</b>	Identify appropriate research topics and Select and define appropriate research problem and parameters	K2, K3	PSO3
<b>CO 3</b>	Prepare a project proposal (to undertake a project)	K2, K4	PSO5
<b>CO 4</b>	Organize and conduct research (advanced project) in a more appropriate manner	K2, K3 & K4	PSO4
<b>CO 5</b>	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**

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

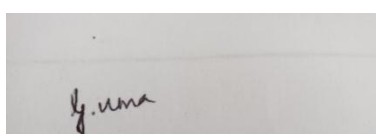
**Note:** ♦ Strongly Correlated – **3**      ♦ Moderately Correlated – **2**  
♦ Weakly Correlated -**1**

### Mapping COs Consistency with POs

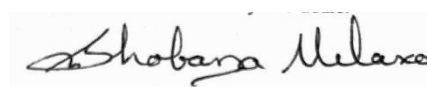
CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
<b>CO1</b>	3	3	3	3	3	3	3
<b>CO2</b>	3	3	3	2	3	3	2
<b>CO3</b>	3	3	2	3	3	2	3
<b>CO4</b>	3	2	3	3	3	1	3
<b>CO5</b>	3	3	3	1	3	3	3

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

### COURSE DESIGNER



**Staff Name** Dr. G.UMA



**Forwarded By**  
**Dr. Shobana Nelasco**  
**HOD NAME AND SIGN**

**III SEMESTER**  
**II MA ECONOMICS**

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG3E12	FINANCIAL 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: 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 reforms(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. (Self Study)**

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



**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: MICRO FINANCE [15 HRS]**

Meaning – origin- features Demand and supply of micro finance – Micro entrepreneurship and Business Development- Micro Finance and rural financial services – **Micro Finance in India. (Self Study)**

**UNIT V: FINANCIAL INCLUSION: [15 HRS]**

Financial Inclusion - Introduction – definition — objectives –scope –need - components of financial inclusion– role of Lead Banks – basic no –frills bank account – relaxation of KYC norms – general CREDITS card and kisan CREDITS card – micro insurance – use of intermediaries as agents – financial literacy and CREDITS counseling - setting up of RUDSETIs – Establishment of FIF and FITF –indicators of financial inclusion outreach - **Pradhan Mantri Jan Dhan Yojana Scheme. (Self Study)**

**UNIT VI - DYNAMISM/CURRENTAFFAIR**

Case study of Self employment programmes.

**REFERENCE BOOKS:**

1. G.S. Batra and P.C. Dangural, “Financial Services – New Innovations”, Deep and Deep Publications Pvt. Ltd, 2005.
2. L.M. Bhole, “Financial Institutions and Markets”, Tata McGraw-Hill, 2005.
3. S.K. Aggarwal, “Stock Markets and Financial Journalism” Shipra Publication,
4. New Delhi, 1998
5. A.K. Sharma and G.S. Batra, “Indian Stock Market, Regulation, Performance &Policy Perspective”, Deep and Deep Publications Pvt. Ltd, 2005.

6. Anthony Saunders, "Financial Markets and Institutions", Tata McGraw-Hill.
7. Peter S. Rose, "Money and Capital Markets – Financial Institutional & a. Instruments in a Global Market Place", [ International Edition]
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9. ProforTorry "globalization and finance" Blackwell Publishers London 2005
10. Sushama Sahay., "Women and Empowerment - approaches & strategies", Discovery Publishing House, New Delhi,1998.
11. C. P Yadav., "Empowerment of Women", Anmol Publications, New Delhi, 2000.
12. N.P Hariharan., "Lights & Shades of Indian Economy", Vishal Publishing Company,
13. Arun .K. Singh., "Empowerment of Women in India", Manak Publications Pvt. Ltd.
14. Karmakar.K.G., "Rural CREDITS and SHG – Micro Finance Need & Concepts in India", Sage Publicatons , New Delhi, 1999.
15. Reema Rasha "Financial inclusion in under developed regions of India. SSDN publishers & Distributors, NewDelhi 2012.
16. SiddarajuU.G.Ramesh "Financial Inclusion in India Issues & Challenges" Centre for The Study of Social Exclusion & Inclusive Policy University of Mysore 978-81212-1182-6-2014.
17. Nirupam Mehrotra and et.al. Financial Inclusion – an overview, occasional paper 48, Department Of Economic Analysis And Research, Nabard, Mumbai , 2009.p

#### **COURSE CONTENTS &LECTURE SCHEDULE**

<b>Modu le No.</b>	<b>Topic</b>	<b>No. of Lectures</b>	<b>Teaching Pedagogy</b>	<b>Teaching Aids</b>
<b>UNIT -1 INTRODUCTION</b>				

1.1	Nature, Role and Structure of Financial System – Classification of Financial Institutions.	2	Chalk & Talk	Black Board
1.1:1	Subtopics: Financial Markets – Classification	3	Chalk & Talk	Black Board
1.3	Financial Instruments and Services	2	Lecture	PPT
1.4	Equilibrium in Financial Markets	2	Video Lecture	online
1.6	Indian Financial System in the Post 1990'S –	2	Chalk & Talk	Black Board
1.7	Indian Financial Sector reforms	2		
<b>UNIT -2 UNIT II: BANKING INSTITUTIONS</b>				
2.1	Commercial Banking Functions	2	Lecture	Black Board
2.2	Investment and Portfolio Management	2	Google	online
2.3	Special Role of Banks	2	Flipped Learning	Online/ E-Content/
2.4	Banking Innovations and Consortium Approach.	2	Blended Learning	Online/ E-Content/ Text Books /Materials / Field Visit/
	Regulatory Institution: The RBI	2	Lecture	Black Board
	Organization and Management	2	Google	online
	Functions and its role. Recent Policy Developments.	3	Flipped Learning	Online/ E-Content/

<b>UNIT III: NON-BANKING FINANCIAL INSTITUTIONS</b>				
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	Online/ E-Content/ Text Books /Materials
3.6	Investment Pattern and Return on Investment – MMMFS	2	Lecture	Black Board
3.7	Rural Financial Market	1	Lecture	Black Board
<b>UNIT IV: MICRO FINANCE</b>				
4.1	Meaning – origin- features Demand and supply of micro finance	2	Lecture	Black Board
4.2	Micro entrepreneurship and Business Development	2	Lecture	Black Board
4.3	Micro Finance and rural financial services	2	ppt	Online
4.4	Micro Finance in India.	2	ppt	online
<b>UNIT V: FINANCIAL INCLUSION</b>				
5.1	Financial Inclusion - Introduction – definition — objectives –scope –need - components of financial inclusion–	3	Google	online

5.2	role of Lead Banks –basic no –frills bank account –	2	Flipped Learning	Online/ E-Content/
5.3	relaxation of KYC norms general CREDITS card and kisan CREDITS card	3	Flipped Learning	Online/ E-Content/
5.4	micro insurance use of intermediaries as agents –	2		
5.5	setting up of RUDSETIs	2	Google	online
5.6	Establishment of FIF and FITF –indicators of financial inclusion outreach	2	Google	online
5.7	Pradhan Mantri Jan Dhan Yojana Scheme.	1	Google	online

#### **UNIT VI - DYNAMISM/CURRENTAFFAIR**

6.1	Case study of Self employment programmes			
6.2	Case study of recent schemes.			

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-SE M TEST				
	5 Mks.	5Mks.	10 Mks	15 Mks	35 Mks.	5 Mks.	40Mks.	

<b>K2</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>2 ½</b>	<b>-</b>		<b>-</b>	<b>-</b>
<b>K3</b>	<b>-</b>	<b>5</b>	<b>4</b>	<b>2 ½</b>	<b>5</b>		<b>5</b>	<b>12.5</b>
<b>K4</b>	<b>-</b>	<b>-</b>	<b>3</b>	<b>5</b>	<b>12</b>		<b>12</b>	<b>30</b>
<b>K5</b>	<b>-</b>	<b>-</b>	<b>3</b>	<b>5</b>	<b>9</b>		<b>9</b>	<b>22.5</b>
<b>Non Scholastic</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>9</b>		<b>9</b>	<b>22.5</b>
<b>Total</b>	<b>5</b>	<b>5</b>	<b>10</b>	<b>15</b>	<b>35</b>	<b>5</b>	<b>40</b>	<b>100</b>

CIA	
Scholastic	<b>35</b>
Non Scholastic	<b>5</b>
	<b>40</b>

## EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
<b>C1</b>	<b>C2</b>	<b>C3</b>	<b>C4</b>	<b>C5</b>	<b>C6</b>	<b>CIA</b>	<b>ES</b>	<b>Total</b>
<b>10</b>	<b>10</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>40</b>	<b>60</b>	<b>100</b>

### ● PG CIA Components

Nos			
<b>C1</b>	-	Test (CIA 1)	1 - 10 Mks
<b>C2</b>	-	Test (CIA 2)	1 - 10 Mks

<b>C3</b>	- Assignment	2 *	- 5 Mks
<b>C4</b>	- Open Book Test/PPT	2 *	- 5 Mks
<b>C5</b>	- Seminar	1	- 5 Mks
<b>C6</b>	- 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
<b>CO 1</b>	To make the students to understand the Financial System	K2	PSO1& PSO2
<b>CO 2</b>	To make aware of Money Market and Indian Stock Exchange.	K2, K3	PSO3
<b>CO 3</b>	. To equip them to face IES, IAS exams and NET exam	K2, K4	PSO5
<b>CO 4</b>	To know the latest technology of financial system evaluate the merits and demerits of online trading	K2, K3 & K4	PSO4
<b>CO 5</b>	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

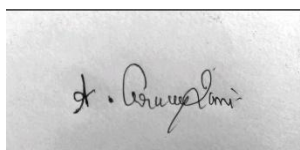
**Note:** ♦ Strongly Correlated – 3      ♦ Moderately Correlated – 2  
♦ Weakly Correlated -1

### 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

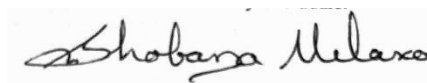
**Note:** ♦ Strongly Correlated – 3      ♦ Moderately Correlated – 2  
♦ Weakly Correlated -1

**COURSE DESIGNER:**



**Staff Name**

**Mrs. A. Gracy Rani**



**Forwarded By**

**Dr. Shobana Nelasco**

**HOD NAME AND SIGN**



**IV SEMESTER**  
**II MA ECONOMICS**

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG4E1 3	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. To explain the students about Indian Fiscal System.
2. To create awareness about the Federal Finance.

**UNIT I: PUBLIC REVENUE**

**[15 HRS]**

India's Tax Structure – aspects – Evaluation. New economic Policy & Tax structure – Taxation of Services. – Presumptive Taxation – Black Money & Taxation, VAT. (Self Study)

**UNIT II: PUBLIC EXPENDITURE**

**[15 HRS]**

Development & Non-Development expenditure – Plan and Non-Plan expenditure – 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/CURRENTAFFAIR** **[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,27<sup>th</sup> Revised Edition,2017.
- 2.V.G. Mankar, “Public Finance [ Theory and Practice]”, Himalaya Publishing House, Bombay, 1<sup>st</sup> Edition, 1992
- 3.D.M. Mithani, “Modern Public Finance [ Theory and Practice]”, Himalaya Publishing House, Bombay, 1<sup>st</sup> Edition, 2014
4. B.P. Tyagi, “Public Finance”, Jai Prakash Nath & Company, Meerut, 44<sup>th</sup> Edition, 2016.
5. P.N. Varsney and D. K. Mital, “Indian Financial system”, Sultan Chant & Sons., New Delhi, Ediltion 2004.

**WEB REFERENCES**

1. [www.blogcatalog.com](http://www.blogcatalog.com)
2. [www.oecd.org](http://www.oecd.org)
- 3.[www.doi.wiley.com](http://www.doi.wiley.com)

## COURSE CONTENTS & LECTURE SCHEDULE

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
<b>Unit -1 PUBLIC REVENUE</b>				
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
<b>UNIT II PUBLIC EXPENDITURE</b>				
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
<b>UNIT III :PUBLIC DEBT</b>				
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
<b>UNIT -IV FEDERAL FINANCE &amp; LOCAL FINANCE :</b>				
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
	<b>UNIT V: BUDGET &amp;FISCAL POLICY</b>			
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 - India's fiscal policy – evaluation of fiscal policy.	8		Block Board
	<b>UNIT VI - DYNAMISM</b>			
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

	<b>C1</b>	<b>C2</b>	<b>C3</b>	<b>C4</b>	<b>Total Scholastic Marks</b>	Non Scholastic Marks <b>C5</b>	<b>CIA Total</b>	<b>Percentage of Assessment</b>
<b>Levels</b>	<b>Seminar</b>	<b>Better of W1, W2</b>	<b>M1+ M2</b>	<b>MID-SEM TEST</b>				
	<b>5 Mks.</b>	<b>5Mks.</b>	<b>10 Mks</b>	<i>15 Mks</i>	<b>35 Mks.</b>	<b>5 Mks.</b>	<b>40Mks.</b>	

<b>K2</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>2 ½</b>	<b>-</b>		<b>-</b>	<b>-</b>
<b>K3</b>	<b>-</b>	<b>5</b>	<b>4</b>	<b>2 ½</b>	<b>5</b>		<b>5</b>	<b>12.5</b>
<b>K4</b>	<b>-</b>	<b>-</b>	<b>3</b>	<b>5</b>	<b>12</b>		<b>12</b>	<b>30</b>
<b>K5</b>	<b>-</b>	<b>-</b>	<b>3</b>	<b>5</b>	<b>9</b>		<b>9</b>	<b>22.5</b>
<b>Non Scholastic</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>9</b>		<b>9</b>	<b>22.5</b>
<b>Total</b>	<b>5</b>	<b>5</b>	<b>10</b>	<b>15</b>	<b>35</b>	<b>5</b>	<b>40</b>	<b>100</b>

CIA	
Scholastic	<b>35</b>
Non Scholastic	<b>5</b>
	<b>40</b>

## EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTIC	MARKS		
<b>C1</b>	<b>C2</b>	<b>C3</b>	<b>C4</b>	<b>C5</b>	<b>C6</b>	<b>CIA</b>	<b>ES</b>	<b>Total</b>
<b>10</b>	<b>10</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>40</b>	<b>60</b>	<b>100</b>

### ● PG CIA Components

#### Nos

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

<b>C2</b>	- Test (CIA 2)	1	- 10 Mks
<b>C3</b>	- Assignment	2 *	- 5 Mks
<b>C4</b>	- Open Book Test/PPT	2 *	- 5 Mks
<b>C5</b>	- Seminar	1	- 5 Mks
<b>C6</b>	- 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
<b>CO 1</b>	Asses India's Tax Structure, VAT and GST	K2	PSO1& PSO2
<b>CO 2</b>	Identify the Causes and growth of Public Expenditure and measures to reduce the same.	K2, K3	PSO3
<b>CO 3</b>	Analyse India's Debt position, Debt management and Debt policy.	K2, K4	PSO5
<b>CO 4</b>	Discuss the Centre, State and Local financial Relationships and to identify the Problems and Measures to improve their Relationship.	K2, K3 & K4	PSO4
<b>CO 5</b>	Evaluate Latest Budget, Deficit financing and Fiscal Policy.	K3& K5	PSO4

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### 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

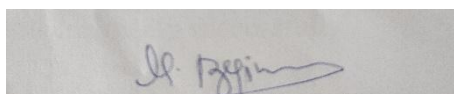
### Mapping COs Consistency with POs

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

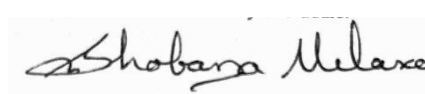
♦ Weakly Correlated -1

**COURSE DESIGNER:**



**Staff Name**

**Dr. M. REGINA MARY**



**Forwarded By**

**Dr. Shobana Nelasco**

**HOD NAME AND SIGN**

**IV SEMESTER**  
**II MA ECONOMICS**

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG4E1 4	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.

**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 Exchange Reserves.**

**UNIT IV: 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 [15HRS]**

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



**UNIT V INDIA'S POSTION AT INTERNATIONAL LEVEL****[15 HRS]**

India's foreign trade: Composition, Trend – India's balance of payment –India's FDI and FPI- India's External borrowing- NRI earnings- Foreign exchange reserves in India. **India's position in the international level** - International Rating Agencies and their ranking of India in the international level.

**UNIT VI :DYNAMISM/CURRENTAFFAIR**

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 & Mautice Obstfeld, "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.
9. 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
<b>UNIT -1 THEORIES OF INTERNATIONAL ECONOMICS</b>				

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
<b>UNIT -2BALANCE OF PAYMENT &amp;TRADE</b>				
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		
<b>UNIT – 3 ECONOMIC INTEGRATION</b>				

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
<b>Unit – V INTERNATIONAL FINANCIAL INSTITUTIONS</b>				
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
<b>UNIT – V INDIA’S POSTION AT INTERNATIONAL LEVEL</b>				
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
<b>Unit – V DYNAMISM/CURRENTAFFAIR</b>				
	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
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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  <i>10 Mks</i>	MID-SEM TEST  <i>15 Mks</i>		5 Mks.	40Mks. s.	
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	<b>5</b>
	<b>40</b>

## 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	
<b>C1</b>	- Test (CIA 1)	1	- 10 Mks
<b>C2</b>	- Test (CIA 2)	1	- 10 Mks
<b>C3</b>	- Assignment	2 *	- 5 Mks
<b>C4</b>	- Open Book Test/PPT	2 *	- 5 Mks
<b>C5</b>	- Seminar	1	- 5 Mks
<b>C6</b>	- 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	PSOs ADDRESSED
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		<b>TO REVISED BLOOM'S TAXONOMY)</b>	
<b>CO 1</b>	Discuss the theories of International Trade.	K2	PSO1& PSO2
<b>CO 2</b>	Analyse Balance of Payment and Balance of trade	K2, K3	PSO3
<b>CO 3</b>	Explain Foreign Exchange Market and Euro Currency Market	K2, K4	PSO5
<b>CO 4</b>	Assess the Impact of International financial institutions.	K2, K3 & K4	PSO4
<b>CO 5</b>	Evaluate the performance of GATT and WTO and other Global Trade Institutions.	K3& K5	PSO4

### Mapping COs Consistency with PSOs

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

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

♦ Weakly Correlated -**1**

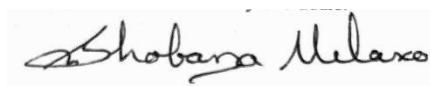
### Mapping COs Consistency with POs

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

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

♦ Weakly Correlated -**1**

**COURSE DESIGNER:**



**Staff Name**

**Dr. K. SELVA LAKSHMI**

**Forwarded By**

**Dr.Shobana Nelasco**

**HOD NAME AND SIGN**



**IV SEMESTER**  
**II MA ECONOMICS**

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG4E1 5	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 behavioural Economics

**UNIT II: TIME PREFERENCES**

**[15HRS]**

Exponential discounting –  $\beta$ - $\delta$  discounting model: present bias preferences –Features – Advantages – Disadvantages – Read and van Leeuwen [ 1998]

**UNIT III: RISK PREFERENCES**

**[15 HRS]**

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 – Availability 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: BEHAVIOURAL GAME THEORY****[ 15 HRS]**

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 Behavioural Economics'
  3. Edward Cartwright, 'Behavioural Economics' Routledge Paperback
  4. Roth and JohnHKagel, 'Handbook of Experimental Economics' The Princeton University Press
- Daniel Kahneman, 'Thinking fast and slow' Farrar, Straus and Giroux [FSG] Publishers

**COURSE CONTENTS &LECTURE SCHEDULE**

Module No.	Topic	No. of Lectures	Teaching Pedagogy	Teaching Aids
<b>UNIT I: INTRODUCTION</b>				
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
<b>UNIT:2 TIME PREFERENCES</b>				
2.1	Exponential discounting	3	PPT and lecture	LCD
2.2	$\beta$ - $\delta$ 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
<b>UNIT III: RISK PREFERENCES</b>				
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
<b>UNIT IV: HEURISTICS</b>				
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	
<b>UNIT V: BEHAVIOURAL GAME THEORY</b>				
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
<b>UNIT VI DYNAMISM</b>				
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.	
<b>K2</b>	5	-	-	2 ½	-		-	-
<b>K3</b>	-	5	4	2 ½	5		5	12.5
<b>K4</b>	-	-	3	5	12		12	30
<b>K5</b>	-	-	3	5	9		9	22.5
<b>Non Scholastic</b>	-	-	-	-	9		9	22.5
<b>Total</b>	5	5	10	15	35	5	40	100

CIA	
Scholastic	<b>35</b>
Non Scholastic	<b>5</b>

	<b>40</b>
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## 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	
<b>C1</b>	- Test (CIA 1)	1	- 10 Mks
<b>C2</b>	- Test (CIA 2)	1	- 10 Mks
<b>C3</b>	- Assignment	2 *	- 5 Mks
<b>C4</b>	- Open Book Test/PPT	2 *	- 5 Mks
<b>C5</b>	- Seminar	1	- 5 Mks
<b>C6</b>	- 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
<b>CO 1</b>	Students will become internationally competitive	K2	PSO1& PSO2

<b>CO 2</b>	The students become aware of challenges facing the course Economics	K2, K3	PSO3
<b>CO 3</b>	Updated knowledge is acquired	K2, K4	PSO5
<b>CO 4</b>	Students learn latest theories	K2, K3 & K4	PSO4
<b>CO5</b>	Learn challenges and skills	K5	PSO4

### Mapping COs Consistency with PSOs

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

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

♦ Weakly Correlated -1

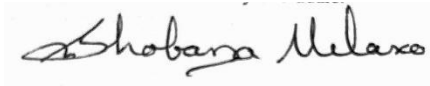
### Mapping COs Consistency with POs

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

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

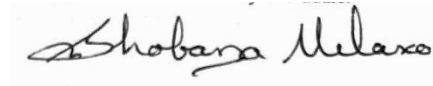
♦ Weakly Correlated -1

**COURSE DESIGNER:**



**Staff Name**

**Dr.ShobanaNelasco**



**Forwarded By**

**Dr.Shobana Nelasco**

**HOD NAME AND SIGN**



**IV SEMESTER**  
**II MA ECONOMICS**

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG4E1 6	ENVIRONMENTAL ECONOMICS	6	5

**COURSE DESCRIPTION**

Awareness on environmental problems and issues in India and 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]**

Eco-System - Pollution: Land, water, Air, Noise - Methods of Pollution Control Private Market - Market Failure -**Externalities(Self Study)** -- Environment as a Public Good – Costs – Benefit analysis of Environment -Coase Theorem

**UNIT II : ENERGY AND RESOURCES [15 HRS]**

Renewable & Non-renewable Sources of Energy: Thermal, Nuclear, Hydel Power, Solar, Wind & Nuclear Energy - water resource – **ground water scarcity(Self Study)**

### **UNIT III: INDIAN ENVIRONMENTAL CHALLENGES [15 HRS]**

**Interlinking of rivers**- Cavery water issue – Farmers challenges -  
**SethuSamuthram Project**- Koodankulam Project – Nutrino-  
KathiramamangalamMetane issue - Chennai - Salem Greenfield Highway  
Project-Enayam Port –Sterlite Issue- Kulasai Rocket Launching Issue -  
**Bhopal Gas Tragedy (Self Study)**

### **UNIT IV: INTERNATIONAL ENVIRONMENTAL ISSUES: [15 HRS]**

**Carbon Neutral, Chernobyl disaster**- Japan nuclear disaster-  
Clamenseu ship issue--tsunami, Rio – summit deliberations.- Nuclear wars  
–International waste dumping in sea and space – COVID19 and the  
environment- positive environmental effects-negative  
environmental effects-potential strategies of environmental  
sustainability-**Environmental ranking of countries (Self Study)**

### **UNIT V: ENVIRONMENTAL MANAGEMENT [15 HRS]**

Economic Instruments – Fiscal Measures, Effluent Charges,  
Subsidies, Financial Incentives. Non-economic Instruments – Environmental  
Education, Peoples Participation, **Voluntary Organizations(Self Study)** –  
Environmental Regulations and Laws– Disaster Management

### **Unit VI DYNAMISM**

**Practical Evaluation Components using case study, Survey Reports  
and presentation (PPT or oral):**

Seminar and presentation on case study of core environmental issues  
Doing individual projects on current environmental issues

### **REFERENCE BOOKS**

1. Baumol .J. William and Oates .E.Wallace, “The Theory of Environmental Policy Externalities, Public Outlay on the Quality of Life”, Prentice Hall Inc.,1987.
2. Burrows P., “The Economic Theory of Pollution Control”, Marton Robertson Publication, 1988.
3. DhulasiBirinda, “ Environomics”, Allied Publication, Ahamedabad, 2001.
4. Eugene T., “Environmental Economics”, Vrinda Publication New Delhi, 2004.

5. Karpagam M., "Environmental Economics", Sterling Publishers Private Ltd.,
6. Mahajan V.S., "Environment Planning, Machinery and Management", Deep & Deep Publns
7. MaheswarDayal, "Renewable Energy, Environment and Development", Konark Publishers, New Delhi, 1989.
8. Kjell Arne Brekke "Economics growth and the environment" Edward Edgar Publishing Limited UK 1997
9. Antonio S. Camara "Environmental systems a multidimensional approach"US by Oxford University Press Inc. NewYork 2002
10. Alan Cottrell "Environmental economics"Edward Arnold Publisher Ltd. London 1978
11. Antonica Cornwell & John Creedy "Environmental taxes and economic welfare"Edward Elgar Publishing Ltd Uk& USA ,1997
12. Andrew Holden "Environment and tourism" Routledge Taylor & Francis Group Uk 2003
13. P.K. Rao "International environmental" Blackwell Publishers Inc USA 2002
14. Peter B. "Kaufman creating a sustainable future" SCI Tech Publishing LIC, USA 2002
15. [http://web.ccsu.edu/faculty/kyem/GEOG433/International\\_Problems/INTERNATIONAL\\_ENVIRONMENTAL\\_PROBLEMS.htm](http://web.ccsu.edu/faculty/kyem/GEOG433/International_Problems/INTERNATIONAL_ENVIRONMENTAL_PROBLEMS.htm)
16. <http://www.yourarticlelibrary.com/environment/10-1> MA  
ECONOMICS-environmental-challenges-faced-by-india/9862
17. [http://archive.mu.ac.in/myweb\\_test/M.A.Part20-20II20-20Paper20VII.pdf](http://archive.mu.ac.in/myweb_test/M.A.Part20-20II20-20Paper20VII.pdf)
18. <https://www.edf.org/climate/methane-other-important-greenhouse-gas>
19. <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
<b>UNIT I: BASIC CONCEPTS AND THEORIES</b>				
1.1	Eco-System	2	PPT and lecture	LCD
1.2	Pollution, Land, water, Air, noise- Methods of Pollution Control	4	You tube videos	Black board
1.3	Market Failure Externalities and Environment as a public good	4	lecture	Class room
1.4	Environment as a Public Good and Coase Theorem	2	PPT and lecture	LCD
1.5	Private Market -- Costs – Benefit analysis of Environment	3	PPT and lecture	LCD
<b>UNIT II : ENERGY AND RESOURCES</b>				
2.1	Renewable & Non-renewable Sources of Energy	4	You tube viedo	black Board
2.2	Thermal, Nuclear, Hydel Power	3	You tube viedo	black Board
2.3	Solar, Wind & Nuclear Energy -	4	You tube viedo	Black Board
2.4	water resource – ground water scarcity	4	You tube viedo	Smart Board
<b>UNIT III: INDIAN ENVIRONMENTAL CHALLENGES</b>				
3.1	Interlinking of rivers- Cavery water issue	2	Lecture and discussion	Smart Board
3.2	Farmers challenges - SethuSamuthram Project	3	Lecture	Smart Board

3.3	Koodankulam Project – Nutrineo-KathirammangalamMetane issue	3	Lecture	Black Board
3.4	Chennai-Salem Greenfield Highway Project	2	Lecture	Smart Board
3.5	Enayam Port, Sterlite Issue-KulasaiRocket Launching Issue	3	Lecture	Smart Board
3.6	Bhopal Gas Tragedy	2	Lecture	Black Board
<b>UNIT IV: INTERNATIONAL ENVIRONMENTAL ISSUES</b>				
4.1	Carbon Neutral, Chernobyl disaster- .-	3	Lecture &Viedo	Smart Board
4.2	Japan nuclear disaster	3	Lecture &Viedo	Smart Board
4.3	Clamenseu ship issue--tsunami, Rio – summit deliberations	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	3	Lecture &Viedo	Smart Board
<b>UNIT V: ENVIRONMENTAL MANAGEMENT</b>				
5.1	Economic Instruments – Fiscal Measures, Effluent Charges, Subsidies,–	4	Lecture	Black board
5.2	Financial Incentives. Non-economic Instruments – Environmental Education,	5	Lecture	Black board
5.3	Peoples Participation, Voluntary Organizations – Environmental Regulations and Laws	3	Lecture	Black board

5.4	Disaster Management	3	Lecture	Black board
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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  <i>10 Mks</i>	MID-SEM TEST  15 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

	<b>40</b>
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## 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	
<b>C1</b>	- Test (CIA 1)	1	- 10 Mks
<b>C2</b>	- Test (CIA 2)	1	- 10 Mks
<b>C3</b>	- Assignment	2 *	- 5 Mks
<b>C4</b>	- Open Book Test/PPT	2 *	- 5 Mks
<b>C5</b>	- Seminar	1	- 5 Mks
<b>C6</b>	- 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:

<b>NO.</b>	<b>COURSE OUTCOMES</b>	<b>KNOWLEDGE LEVEL (ACCORDING TO REVISED BLOOM'S TAXONOMY)</b>	<b>PSOs ADDRESSED</b>
<b>CO 1</b>	Know core concepts and methods from ecological and physical sciences and their application in environmental problem-solving.	K2	PSO1& PSO2
<b>CO 2</b>	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
<b>CO 3</b>	Gain knowledge on ethical, cross-cultural, and historical context of environmental issues and the links between human and natural systems.	K2, K4	PSO5
<b>CO 4</b>	Reflect critically about their roles and identities as citizens, consumers and environmental actors in a complex, interconnected world.	K2, K3 & K4	PSO4
<b>CO5</b>	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

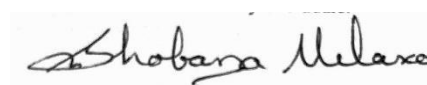
### Mapping COs Consistency with POs

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:**



**Staff Name**

**Dr.G.UmaDr.ShobanaNelasco**

**Forwarded By**

**HOD NAME AND SIGN**

**I SEMESTER  
II MA ECONOMICS**

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19E1EDC/ 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 - Types, functions - women entrepreneurship: The micro finance and self help groups -Social Entrepreneurship in Non-Profit Organization –On line registration for entrepreneurs - **Project Proposals** to Funding agencies, Performa

**UNIT: II ECONOMIC ANALYSIS FOR AN ENTREPRENEUR**

**[5 HRS]**

Budgeting,Break-Even, **SWOT and Profitability Analysis-PEST analysis-** – Income Tax payment – GST Calculation - blog creation – web creation – online marketing

**UNIT:III GOVERNMENT INSTITUTIONS AND SCHEMES**

**[5 HRS]**

MSME- Madurai

**DIC- CED -SIDO-NSIC-TCO-SIPCOT-NAYE-**

**Unemployed Youth Employment Generation Program(UYEGP) - Banks**

**UNIT:VI SCOPE FOR BUSINESS OPPORTUNITIES- BRIEF**

**INTRODUCTIONS**

**[5 HRS]**

Agriculture:Horticulture, Floriculture, Kitchen garden and sales, Sale of seeds and agricultural products, Mushroom Cultivation, Vermi-Culture, Api-Culture etc -Industry Handicrafts - Service industry:Tour organisation, Tuition centers, Tailoring – Beauty Parlours- Home delivery of food etc

**UNIT: V ON LINE BUSINESS- BRIEF INTRODUCTIONS****[5 HRS]**

Online Buying and selling: Case studies on Amazon, OLX, airbnb, ola, Facebook – scope for business in Online share trading – scope for business in Online commodity trading- scope for business in online exports and online imports

**UNIT VI - DYNAMISM/CURRENTAFFAIR**

Project proposal for any product or service – Case study of any one Institutional loan schemes(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 NGO's and SHG's- Blue print of project report- Project proposal for any product or service -Institutional loan schemes – a survey-Collection of data regarding entrepreneurs

**REFERENCE BOOKS:**

1. K.K. Sharma, G.R. Basotia, “Entrepreneurship & Small Business”, Mangal Deep Publications, Jaipur, 1<sup>st</sup> Edition, 2001.
2. M. Soundarapandian, “Rural Entrepreneurship – Growth and Potential”, Kanishka Publishers, New Delhi, 1<sup>st</sup> Edition, 2001.
3. S.S. Khanaka, “Entrepreneurial Development”, S. Chand & Company Limited, 1999.
4. V. Sujatha, “Entrepreneurial Development”, Krishna Printers, 1<sup>st</sup> Edition, 2004.
5. C.B. Gupta & S.S. Khanka, “Entrepreneurship and Small Business Management”, Sultan Chand.
6. Robert D. Hisrich “Entrepreneurship”, Tata Mc Graw Hill Company Ltd, 2007
7. Hirsch peters “Entrepreneurship “ Tata McGraw Hill Company Ltd, New York 2000

**WEB REFERENCES (OPTIONAL)**

1. [https://www.startupindia.gov.in/content/dam/invest-india/Templates/public/state\\_startup\\_policies/Tamil\\_Nadu\\_Startup\\_Policy.pdf](https://www.startupindia.gov.in/content/dam/invest-india/Templates/public/state_startup_policies/Tamil_Nadu_Startup_Policy.pdf)
2. <https://www.msde.gov.in/pmkvy.html>
3. <https://www.startupindia.gov.in/>
4. [https://www.startupindia.gov.in/content/sih/en/idea\\_bank.html](https://www.startupindia.gov.in/content/sih/en/idea_bank.html)
5. <https://www.msde.gov.in/pmkvy.html>
6. <https://www.tnskill.tn.gov.in/>
7. <https://nsdcindia.org/>
8. <https://sipcot.in/>
9. <https://www.startupindia.gov.in/content/sih/en/startup-scheme/state-startup-policies/Tamil-Nadu-state-policy.html>
10. <https://www.editn.in/>
11. [https://www.startupindia.gov.in/content/dam/invest-india/Templates/public/state\\_startup\\_policies/Tamil\\_Nadu\\_Startup\\_Policy.pdf](https://www.startupindia.gov.in/content/dam/invest-india/Templates/public/state_startup_policies/Tamil_Nadu_Startup_Policy.pdf)

12. <https://www.kviconline.gov.in/pmegpeportal/pmegphome/index.jsp>
13. <https://www.udyami.org.in/>
14. <https://www.udyami.org.in/entrepreneur-development>
15. <http://maditssia.com/index.php/madmin/bicactivities>
16. <http://www.sidco.tn.nic.in/>
17. [https://www.startupindia.gov.in/content/dam/invest-india/Templates/public/lic/state\\_startup\\_policies/Tamil\\_Nadu\\_Startup\\_Policy.pdf](https://www.startupindia.gov.in/content/dam/invest-india/Templates/public/lic/state_startup_policies/Tamil_Nadu_Startup_Policy.pdf)
18. Import, Export: <https://www.entrepreneur.com/article/41846>
19. <https://msme.gov.in/>
20. <http://www.msmeonline.tn.gov.in/>
21. [http://www.msmeonline.tn.gov.in/msme\\_partI/msmefiling.php](http://www.msmeonline.tn.gov.in/msme_partI/msmefiling.php)
22. <http://www.sidco.tn.nic.in/>
23. [https://www.tn.gov.in/scheme/departement\\_wise/2](https://www.tn.gov.in/scheme/departement_wise/2)
24. <http://tnchamber.in/key-initiatives/>

### **COURSE CONTENTS & LECTURE SCHEDULE**

<b>Module No.</b>	<b>Topic</b>	<b>No. of Lectures</b>	<b>Teaching pedagogy</b>	<b>Teaching Aids</b>
<b>UNIT -1 INTRODUCTION</b>				
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,
<b>UNIT -2 ECONOMIC ANALYSIS FOR ENTREPRENEUR</b>				
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,
<b>UNIT – 3 GOVERNMENT SCHEMES</b>				
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	<b>Commercial Banks:</b> 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
<b>UNIT:VI SCOPE FOR BUSINESS OPPORTUNITIES- BRIEF INTRODUCTIONS</b>				
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 Female focused entrepreneurship	1	Blended teaching with practice	Google meet,

<b>UNIT: V ON LINE BUSINESS- BRIEF INTRODUCTIONS</b>				
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,
<b>Unit – VI DYNAMISM/CURRENTAFFAIR</b>				
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	-	-	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

		Nos	
<b>C1</b>	- Test (CIA 1)	1	- 10 Mks
<b>C2</b>	- Test (CIA 2)	1	- 10 Mks
<b>C3</b>	- Assignment	2 *	- 5 Mks
<b>C4</b>	- Open Book Test/PPT	2 *	- 5 Mks
<b>C5</b>	- Seminar	1	- 5 Mks
<b>C6</b>	- 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
<b>CO 1</b>	To explain the functions of Entrepreneur.	K2	PSO1& PSO2
<b>CO 2</b>	To identify the basic qualities of an Entrepreneur.	K2, K3	PSO3
<b>CO 3</b>	To enable the students to understand the Project report.	K2, K4	PSO5



<b>CO 4</b>	To evaluate the merits and demerits of online trading.	K2, K3 & K4	PSO4
<b>CO 5</b>	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
<b>CO1</b>	3	3	3	3	3
<b>CO2</b>	3	3	3	3	3
<b>CO3</b>	3	3	3	3	3
<b>CO4</b>	3	3	3	3	3
<b>CO5</b>	3	3	3	3	3

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

♦ Weakly Correlated -1

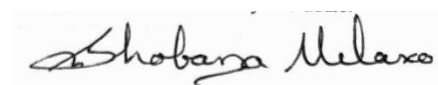
### Mapping COs Consistency with POs

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

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

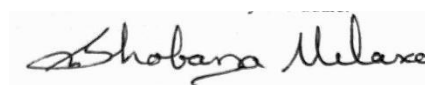
♦ Weakly Correlated -1

**COURSE DESIGNER:**



**Staff Name**

**Dr.Shobana Nelasco**



**Forwarded By**

**Dr.Shobana Nelasco**

**HOD NAME AND SIGN**

**III SEMESTER**  
**II MA ECONOMICS**  
**ELECTIVE**

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG3EE 1	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 stabilisation- 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.

#### **TEXT BOOK:**

Cohen R.L., "Economics of Agriculture", James Nishet& Co Ltd., Cambridge at the University Press, 1<sup>st</sup> Published.

#### **REFERENCE BOOKS:**

1. Amarjit Singh, Sadhu A.N & Jasbir Singh "Fundamentals of Agricultural Economics" Himalaya Publishing House, New Delhi
2. Benjamin R.E., Hariharan S.B and Karunakaran M, "Economics of Agriculture", S. Chand Company Ltd.
3. Bishop C.E & Tournant W.D. "Introduction to agriculture economics analysis" John Wiley & Sons – New York.
4. Desai R.G., "Agricultural Economics", Models Problems and Policy Issues, Himalaya Publishing House, Mumbai, 1<sup>st</sup> Edition.

5. Dhingra I.C, "Agriculture in Industrial Economics", S. Chand & Sons, 1<sup>st</sup> 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**

<b>Module No.</b>	<b>Topic</b>	<b>No. of Lectures</b>	<b>Teaching Pedagogy</b>	<b>Teaching Aids</b>
<b>Unit -1: FARM SIZE AND PRODUCTIVITY</b>				
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
<b>Unit -2 : AGRICULTURAL FINANCE AND MARKETING</b>				

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
<b>Unit -3 : AGRICULTURAL PRICES AND PRICE POLICY</b>				
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
<b>UNIT -4 : SUSTAINABLE AGRICULTURAL DEVELOPMENT</b>				
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
<b>UNIT -5 :WTO AND INDIAN AGRICULTURE</b>				
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
<b>UNIT -6 DYNAMISM</b>				
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.	
<b>K2</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>2 ½</b>	<b>-</b>		<b>-</b>	<b>-</b>
<b>K3</b>	<b>-</b>	<b>5</b>	<b>4</b>	<b>2 ½</b>	<b>5</b>		<b>5</b>	<b>12.5</b>

<b>K4</b>	-	-	3	5	12		12	30
<b>K5</b>	-	-	3	5	9		9	22.5
<b>Non Scholastic</b>	-	-	-	-	9		9	22.5
<b>Total</b>	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	
<b>C1</b>	- Test (CIA 1)	1	- 10 Mks
<b>C2</b>	- Test (CIA 2)	1	- 10 Mks
<b>C3</b>	- Assignment	2 *	- 5 Mks
<b>C4</b>	- Open Book Test/PPT	2 *	- 5 Mks
<b>C5</b>	- Seminar	1	- 5 Mks
<b>C6</b>	- 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

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

♦ Weakly Correlated -1

### Mapping COs Consistency with POs

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
C01	3	3	3	3	3	3	3
C02	3	3	3	2	3	3	2
C03	3	3	2	3	3	2	3
C04	3	2	3	3	3	1	3
C05	3	3	3	1	3	3	3

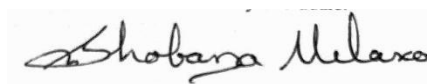
**Note:** ♦ Strongly Correlated – 3      ♦ Moderately Correlated – 2

♦ Weakly Correlated -1

**COURSE DESIGNER:**



**Staff Name**  
**Dr.S.IvyJeno**



**Forwarded By**  
**Dr.ShobanaNelasco**  
**HOD NAME AND SIGN**

**III SEMESTER**  
**II MA ECONOMICS ELECTIVE**

(For those who joined in 2019 onwards)

PROGRAMME CODE	COURSE CODE	COURSE TITLE	HRS/WEEK	CREDITS
PAEC	19PG3EE 2	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- Gender division of work - Invisibility of women's work -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 (10HRS)**

Subject of Gender Economics - Institutionalization of Gender Economics - Methods of Gender Economics - Inter-Disciplinary 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.

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**

**(10HRS)**

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 (10HRS)**

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**

**(10HRS)**

Status of Women Report 1971& 2018 - Gender Analysis of Development Policy - Engendering Development Policies - Women Development Programs from Independence - Objectives and Methods of Gender Policy in India - Paradigm Shift from Welfare to Empowerment – Role of Ministry of Women and Child Development

Role of NGOs - Development Initiatives - Role of Women's Organizations - Mobilizing, Networking & Advocacy - Grass Root Level Initiatives - Micro Finance and Micro Enterprises - Self Help Groups (SHGs)

### **UNIT VI - DYNAMISM/CURRENTAFFAIR**

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.
- Gardiner.J (1997) *Gender, Care and Economics*, Palgrave Macmillan
6. Kabeer Naila, *Reversed Realities: Gender Hierarchies in Development Thought*, Kali for Women, New Delhi.
7. Sen, A. and J. Drèze (1995), *India: Economic Development and Social Opportunity*, Oxford University Press

#### **COURSE CONTENTS & LECTURE SCHEDULE**

<b>Module No.</b>	<b>Topic</b>	<b>No. of Lectures</b>	<b>Teaching Pedagogy</b>	<b>Teaching Aids</b>
<b>UNIT -1 INTRODUCTION</b>				
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
<b>UNIT II: METHOD OF GENDER ECONOMICS</b>				
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
<b>Unit III: GENDER INDICES</b>				
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
<b>UNIT IV: GENDER ANALYSIS TOOLS AND GENDER BUDGETS</b>				
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

<b>UNIT V: GOVERNMENT&amp; NON-GOVERNMENT INITIATIVES IN INDIA</b>				
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	CIA Total	Percentage of
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						C5		Assessment
	Seminar	Better of W1, W2	M1+ M2	MID-SEM TEST				
	5 Mks.	5Mks.	10 Mks	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



SCHOLASTIC	NON - SCHOLASTIC	MARKS
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• **PG CIA Components**

		Nos	
<b>C1</b>	- Test (CIA 1)	1	- 10 Mks
<b>C2</b>	- Test (CIA 2)	1	- 10 Mks
<b>C3</b>	- Assignment	2 *	- 5 Mks
<b>C4</b>	- Open Book Test/PPT	2 *	- 5 Mks
<b>C5</b>	- Seminar	1	- 5 Mks
<b>C6</b>	- 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
<b>CO 1</b>	Identify the role of gender in determining work profiles & other Economic circumstance	K2	PSO1& PSO2
<b>CO 2</b>	Recall the concept of Gender, Gender statistics & Institutionalization of Gender Economics	K2, K3	PSO3
<b>CO 3</b>	Gives scope to outline the comparative advantages in the unpaid work of women	K2, K4	PSO5

<b>CO 4</b>	Restate the significance of gender in economic process & outcomes	K2, K3 & K4	PSO4
<b>CO 5</b>	Analyse the difference in labour force participation	K3& K5	PSO4

### Mapping COs Consistency with PSOs

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

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

♦ Weakly Correlated -**1**

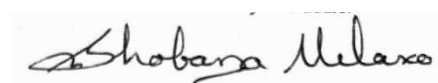
### Mapping COs Consistency with POs

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

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

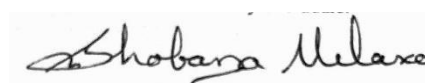
♦ Weakly Correlated -**1**

**COURSE DESIGNER:**



**Staff Name**

**Dr.Shobana Nelasco**



**Forwarded By**

**Dr.Shobana Nelasco**

**HOD NAME AND SIGN**

**IV SEMESTER**  
**II MA ECONOMICS ELECTIVE**

(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- History of National Income calculation- Pre-independence and post independence estimates of national income- worldwide calculations of national income

Stock and Flow- National Income Accounting and Social Accounting and environmental accounting- Circular Flow of income - Functional classification of an Economy into sectors: Production Sector-Consumption Sector-Government Sector. Sectors of Indian Economy - Sectoral division for National income calculation-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: CONCEPTS OF NATIONAL INCOME [10HRS]**

GDP, GNP, GNI - NNP at market price and factor cost- NNI- NI-DI - PCI  
- Nominal and Real GDP- GDP Calculation in India - GDP Deflator -  
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, **International Indices:** Standard & Poor's 500 Index - Dow Jones  
Industrial Average (DJIA)- Nasdaq 100 Index - Vanguard S&P 500 ETF  
(VOO)- Wilshire 5000 Total Market Index- MSCI EAFE Index - the Bloomberg  
Barclays US Aggregate Bond Index

### **UNIT III: METHODS OF MEASURING NATIONAL INCOME IN INDIA**

**[10 HRS]**

1. 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.

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.

3. Expenditure method: Steps involved and precautions taken while  
calculating National income by Expenditure method. Final  
consumption expenditure: Final consumption expenditure of general  
government, households and of private non-profit  
institutions. **Difficulty in measuring**

### **UNIT IV: NATIONAL INCOME CALCULATION IN INDIA: [10 HRS]**

Indian organisations involved in national income calculation: -The  
Central Statistics Office -

National Accounts Division (NAD) under the Ministry of Statistics  
and Program Implementation

Wholesale Price Index (WPI) and Consumer Price Index by the Price  
Monitoring Cell in the Department of Consumer Affairs under the  
Ministry of Consumer Affairs.

Index of Industrial Production (IIP) is sourced from the Industrial Statistics Unit of the Department of Industrial Policy and Promotion under the Ministry of Commerce and Industry

#### **UNIT V: INDIAN DATA COLLECTION PROCESS: (08 HRS)**

Consumer Price Index - Wholesale Price Index - Industrial Index - Wholesale Price Index The Office of the Economic Adviser, Department for Promotion of Industry and Internal Trade - Consumer Price Index (CPI) : Price Monitoring Division(PMD) in the Department of Consumer Affairs Consumer Price Indices being released by CSO - Index of Industrial Production (IIP): The Office of the Economic Advisor, Ministry of Commerce and Industry- National Stock Indices: NSE, NIFTY, SENSEX

#### **UNIT VI - DYNAMISM/ CURRENT AFFAIR**

A case study on calculating national income and PCI- 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

#### **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
<b>UNIT I: INTRODUCTION</b>				
1.1	National Income: Meaning	1	Lecture	Black Board
1.1:1	National Income accounts-Significance of national	4	Discussion	LCD

	income accounts, National Accounting.			
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
<b>UNIT II: PRODUCTION PROCESS AND NATURE OF GOODS &amp; SERVICES</b>				
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
<b>UNIT III: GENERATION OF NATIONAL INCOME</b>				
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	3	Lecture	Black board

	rest of the world and capital transfers from rest of the world			
3.5	Distinction: National wealth and national capital – national capital and national income.	1	Lecture	PPT
<b>UNIT IV: MEASUREMENT OF NATIONAL INCOME</b>				
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 government, households and of private non-profit institutions.	5	Lecture	Black board
<b>UNIT V: CALCULATION OF DOMESTIC PRODUCT IN INDIA</b>				



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 Assessment
	Seminar	Better of W1, W2	M1+ M2	MID-SEM TEST				

	5 Mks.	5M ks.	10 Mks	15 Mks	35 Mks.	5 Mks.	40 Mk s.	
<b>K2</b>	5	-	-	2 ½	-		-	-
<b>K3</b>	-	5	4	2 ½	5		5	12.5
<b>K4</b>	-	-	3	5	12		12	30
<b>K5</b>	-	-	3	5	9		9	22.5
<b>Non Schol astic</b>	-	-	-	-	9		9	22.5
<b>Total</b>	<b>5</b>	<b>5</b>	<b>10</b>	<b>15</b>	<b>35</b>	<b>5</b>	<b>40</b>	<b>100</b>

CIA	
Scholastic	<b>35</b>
Non Scholastic	<b>5</b>
	<b>40</b>

## EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTI C	MARKS		
C 1	C2	C 3	C 4	C 5	C6	CI A	ES E	Tota l
10	10	5	5	5	5	40	60	100

### • PG CIA Components

#### Nos

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

SCHOLASTIC	NON - SCHOLASTIC	MARKS
<b>C2</b> - Test (CIA 2)	1	- 10 Mks
<b>C3</b> - Assignment	2 *	- 5 Mks
<b>C4</b> - Open Book Test/PPT	2 *	- 5 Mks
<b>C5</b> - Seminar	1	- 5 Mks
<b>C6</b> - 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
<b>CO 1</b>	Empower the students to work in the field of CSO preparing Standard National Income Accounts.	K2	PSO1& PSO2
<b>CO 2</b>	Create and assess the useful tool for the working of NI in Modern economy.	K2, K3	PSO3
<b>CO 3</b>	Identify with double counting in National Income.	K2, K4	PSO5
<b>CO 4</b>	Helps in formulation of economic policy in an economy.	K2, K3 & K4	PSO4
<b>CO5</b>	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

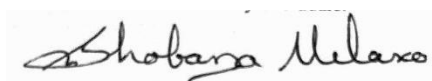
### Mapping COs Consistency with POs

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

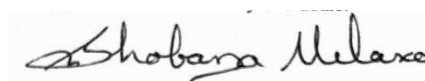
♦ Weakly Correlated -1

**COURSE DESIGNER:**



**Staff Name**

**Dr.shobanaNelasco**



**Forwarded By**

**Dr.ShobanaNelasco**

**HOD NAME AND SIGN**

**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.

#### **COURSE CONTENTS & TEACHING/LEARNING SCHEDULE**

<b>Module No.</b>	<b>Topic</b>	<b>No. of Lectures</b>	<b>Content Delivery Method</b>	<b>Teaching Aids</b>
<b>UNIT- I INDUSTRIALIZATION</b>				
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
<b>UNIT -II OWNERSHIP AND CONTROL OF INDUSTRIES</b>				
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
<b>UNIT III:INDUSTRIAL FINANCE</b>				
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/
<b>UNIT IV: PROJECT APPRAISAL</b>				
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
<b>UNIT V: INDUSTRIAL PROBLEMS AND PROSPECTS</b>				
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.	<i>Advantages and Disadvantages of Industrial Clusters</i>	2	Lecture, Discussion	LCD
<b>UNIT VI DYNAMISM/CURRENTAFFAIR</b>				
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
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### 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.
8. Sharma, A.K. “Industrial Economics’, Anmol Publications Ltd, New Delhi, 2006.
9. Sivayya K.V& V.B.M. Dhas, “Industrial Economics”, S. Chand Company Ltd. New Delhi, 1990

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 TEST				

	5 Mks.	5M ks.	10 Mks	15 Mks	35 Mks.	5 Mks.	40 Mk s.	
<b>K2</b>	5	-	-	2 ½	-		-	-
<b>K3</b>	-	5	4	2 ½	5		5	12.5
<b>K4</b>	-	-	3	5	12		12	30
<b>K5</b>	-	-	3	5	9		9	22.5
<b>Non Schol astic</b>	-	-	-	-	9		9	22.5
<b>Total</b>	<b>5</b>	<b>5</b>	<b>10</b>	<b>15</b>	<b>35</b>	<b>5</b>	<b>40</b>	<b>100</b>

CIA	
Scholast ic	<b>35</b>
Non Scholast ic	<b>5</b>
	<b>40</b>

## EVALUATION PATTERN

SCHOLASTIC					NON - SCHOLASTI C	MARKS		
C 1	C2	C 3	C 4	C 5	C6	CI A	ES E	Tota l
10	10	5	5	5	5	40	60	100

### • PG CIA Components

Nos

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

SCHOLASTIC	NON - SCHOLASTIC	MARKS
<b>C2</b> - Test (CIA 2)	1	- 10 Mks
<b>C3</b> - Assignment	2 *	- 5 Mks
<b>C4</b> - Open Book Test/PPT	2 *	- 5 Mks
<b>C5</b> - Seminar	1	- 5 Mks
<b>C6</b> - 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
<b>CO 1</b>	Understand the concept and theories of industrial economic	K2	PSO1& PSO2
<b>CO 2</b>	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
<b>CO 3</b>	Analyze the sources of industrial finance	K2, K4	PSO5
<b>CO 4</b>	Gain knowledge in the field of cost benefit analysis	K2, K3 & K4	PSO4
<b>CO5</b>	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

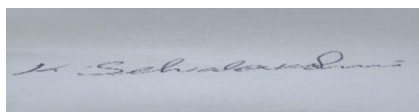
**Note:** ♦ Strongly Correlated – **3**      ♦ Moderately Correlated – **2**  
♦ Weakly Correlated -**1**

### 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

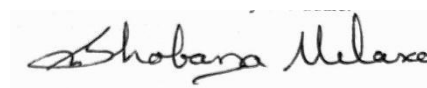
**Note:** ♦ Strongly Correlated – **3**      ♦ Moderately Correlated – **2**  
♦ Weakly Correlated -**1**

**COURSE DESIGNER**



**Staff Name**

**Dr. K.SELVALAKSHMI**



**Forwarded By**

**Dr.Shobana Nelasco,  
HOD NAME AND SIGN**