

## ANNEXURE - 3

### DEPARTMENT OF ECONOMICS

#### VISION

TO reach, educate, improve, grow and nurture today's generation

#### MISSION

Our mission is to promote the value of learning, self worth among students and staff, quality performance among students and staff and to mould the students for the productive and responsible participation in the society

#### Programme Educational Objectives (PEO)

|      |  |
|------|--|
| PEO1 | Natural navigators and nimble witted in diagnosing problems, in enlisting steps to rectify them and in providing the most effective solutions in the best possible way   |
| PEO2 | Moralistic while demonstrating their academic caliber, in recognizing and acknowledging value systems, in making decisions, accepting responsibilities and while concerned about society and public issues and needs |
| PEO3 | Self-reliant in learning and in real life job situations through which they support their peers and become stable and reliable students, workers and citizens  |
| PEO4 | Steadfast in shielding and nurturing environment and stimulate its sustainable growth for a bright future  |
| PEO5 | Versatile and vibrant communicators in person and through other media. Vigilant/vital in prolonging the long winding richness and tradition of their mother tongue   |
| PEO6 | Neoteric global citizens of our nation, who would take the nation's pride around the world by adapting and adopting the scientific and technological developments  |
| PEO7 | Civilized and confident graduates, who believe in lifelong learning with the socio-cultural changes in the generations to come   |

**Program Outcome (PO)**

|       |   |
|-------|---|
| PO 01 | Develop critical and analytical skills to identify and resolve the problems with changing economic conditions                             |
| PO 02 | Students will learn about the determinants of economic conditions, causes for economic conditions and interactions between them           |
| PO 03 | Students will learn to apply economic theories and methodologies in analyzing economic issues in various sub fields of applied economics  |
| PO 04 | Use basic economic concepts to explain changes in natural resource base and environmental quality   |
| PO 05 | To provide structural curricula which support the academic development of students  |
| PO 06 | Become well informed and updated member of the community and responsible citizen  |
| PO 07 | Increase inclination for higher studies and research in economics and gain comprehensive knowledge to succeed in competitive examinations |

**PROGRAM SPECIFIC OUTCOME (PSO)**

|        |  |
|--------|--|
| PSO 01 | Students will learn how markets organize core economic activities such as consumption, production and distribution, and the growth of productive resources |
| PSO 02 | Apply economic analysis to evaluate everyday problems  |
| PSO 03 | Understand how to use empirical evidence to evaluate an economic argument  |
| PSO 04 | Analyze problems that have clear solutions   |
| PSO 05 | Propose solutions for problems that do not have clear answers  |
| PSO 06 | Communicate effectively in written or spoken form about specific outcome issues  |
| PSO 07 | To provide and adapt curricula that prepare our graduates for employment and further study as economists   |

**PO - PEO MAPPING**

|              | <b>PEO 01</b> | <b>PEO 02</b> | <b>PEO 03</b> | <b>PEO 04</b> | <b>PEO 05</b> | <b>PEO 06</b> | <b>PEO 07</b> |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>PO 01</b> | 3             | 1             | 2             | 3             | 3             | 3             | 2             |
| <b>PO 02</b> | 2             | 3             | 3             | 1             | 2             | 3             | 3             |
| <b>PO 03</b> | 3             | 2             | 3             | 3             | 2             | 2             | 3             |
| <b>PO 04</b> | 3             | 2             | 2             | 3             | 2             | 1             | 3             |
| <b>PO 05</b> | 3             | 3             | 2             | 1             | 2             | 3             | 3             |
| <b>PO 06</b> | 2             | 3             | 2             | 3             | 1             | 3             | 2             |
| <b>PO 07</b> | 2             | 3             | 1             | 2             | 2             | 3             | 3             |

3- Strong    2- Medium    1- Low



**B.A. ECONOMICS**

| SEM          | Part – I   | Part – II   | Part – III |           |                      | Part – IV |                |                   | Part – V<br>(6 <sup>th</sup> Hr) | ACC<br>(6 <sup>th</sup> Hr) |              |                                  | SLC             |
|--------------|------------|-------------|------------|-----------|----------------------|-----------|----------------|-------------------|----------------------------------|-----------------------------|--------------|----------------------------------|-----------------|
| I Sem.       | I Lang (6) | II Lang (6) | Core (5)   | Core (5)  | Allied Commerce (6)  | SBE (2)   | –              | <b>Total (30)</b> | NCC/NSS/PED./RR/Li.SC (3)        | Com.Eng (2)                 | Comp.Lit (1) | –                                | –               |
| II Sem.      | I Lang (6) | II Lang (6) | Core (4)   | Core (5)  | Allied Commerce (6)  | SBE (2)   | Elec. EVS (1)  | <b>Total (30)</b> | NCC/NSS/PED./RR/Li.SC (3)        | Com.Eng (2)                 | Comp.Lit (1) | –                                | Law and Society |
| III Sem.     | I Lang (6) | II Lang (6) | Core (4)   | Core (4)  | Allied Economics (6) | NME (2)   | SBE (2)        | <b>Total (30)</b> | NCC/NSS/PED./RR/Li.SC (3)        | Com.Eng (2)                 | Comp.Lit (1) | –                                | Human Rights    |
| IV Sem.      | I Lang (6) | II Lang (6) | Core (4)   | Core (4)  | Allied Economics (6) | NME (2)   | SBE (2)        | <b>Total (30)</b> | NCC/NSS/PED./RR/Li.SC (3)        | Com.Eng (2)                 | Comp.Lit (1) | –                                | Major           |
| V Sem.       | Core (6)   | Core (6)    | Core (5)   | Core (5)  | Elec. Project (5)    | SBE (2)   | Elec. W.S. (1) | <b>Total (30)</b> | –                                | Com.Eng (2)                 | Comp.Lit (1) | Skill Devt – Career Guidance (3) | Major           |
| VI Sem.      | Core (5)   | Core (5)    | Core (4)   | Elec. (6) | Elec. (6)            | SBE (2)   | Elec. VBE (2)  | <b>Total (30)</b> | –                                | Com.Eng (2)                 | Comp.Lit (1) | Skill Devt – Career Guidance (3) | —               |
| <b>TOTAL</b> |            |             |            |           |                      |           |                | <b>180 Hrs</b>    |                                  |                             |              |                                  |                 |

|             |   |                         |
|-------------|---|-------------------------|
| I Language  | – | Tamil                   |
| II Language | – | English                 |
| SBE         | – | Skill – Based Electives |
| SLC         | – | Self – Learning Course  |
| EVS         | – | Environmental Studies   |
| W.S.        | – | Women Studies           |
| VBE         | – | Value Based Education   |

**B.A. ECONOMICS CHOICE BASED CREDIT SYSTEM WITH OBE PATTERN  
FOR THOSE WHO HAVE JOINED FROM THE ACADEMIC YEAR 2021-22 ONWARDS**

| Part                  | Course               | Subject   | Code      | Hrs. | 6 <sup>th</sup> Hr. | Cr. | Adl. Cr. | Exam (Hrs) | Marks |      |
|-----------------------|----------------------|---|-----------|------|---------------------|-----|----------|------------|-------|------|
|                       |                      |   |           |      |                     |     |          |            | Int.  | Ext. |
| <b>SEMESTER - I</b>   |                      |   |           |      |                     |     |          |            |       |      |
| I                     | Lang. - I            | Tamil - I   | 210103101 | 6    |                     | 3   |          | 3          | 25    | 75   |
| II                    | Lang.- II            | English - I   | 211003101 | 6    |                     | 3   |          | 3          | 25    | 75   |
| III                   | Core                 | Micro Economics - I   | 211503101 | 5    |                     | 5   |          | 3          | 25    | 75   |
|                       | Core                 | Economics of Marketing  | 211503102 | 5    |                     | 5   |          | 3          | 25    | 75   |
|                       | A.Comm               | Principles of Accounting-I  | 211603121 | 6    |                     | 5   |          | 3          | 25    | 75   |
| IV                    | SBE - I              | Population Dynamics   | 214403115 | 2    |                     | 2   |          | 3          | 25    | 75   |
| V                     | Extension activities | NSS / NCC / PED/Rover and Rangers/Library Science and Information | -         |      | 3                   |     |          | -          | -     | -    |
|                       | Additional Courses   | Communicative English-I   | -         |      | 2                   |     |          | -          | -     | -    |
|                       |                      | Computer Literacy   | -         |      | 1                   |     |          | -          | -     | -    |
| <b>SEMESTER - II</b>  |                      |   |           |      |                     |     |          |            |       |      |
| I                     | Lang. - I            | Tamil - II  | 210103201 | 6    |                     | 3   |          | 3          | 25    | 75   |
| II                    | Lang. - II           | English - II  | 211003201 | 6    |                     | 3   |          | 3          | 25    | 75   |
| III                   | Core                 | Monetary Economics  | 211503201 | 4    |                     | 4   |          | 3          | 25    | 75   |
|                       | Core                 | Micro Economics - II  | 211503202 | 5    |                     | 4   |          | 3          | 25    | 75   |
|                       | A.Comm               | Principles of Accounting-II                                       | 211603221 | 6    |                     | 5   |          | 3          | 25    | 75   |
| IV                    | SBE - II             | Business Correspondence   | 214403215 | 2    |                     | 2   |          | 3          | 25    | 75   |
|                       | EVS                  | Environmental Studies   | 214103201 | 1    |                     | 1   |          | 2          | -     | 100  |
| V                     | Extension activities | NSS / NCC / PED/Rover and Rangers/Library Science and Information | -         |      | 3                   |     |          | -          | -     | -    |
|                       | Additional Courses   | Communicative English-I   | -         |      | 2                   |     | 1        | 3          | 25    | 75   |
|                       |                      | Computer Literacy   | -         |      | 1                   |     |          | -          | -     | -    |
|                       | SLC                  | Environmental Economics   | 218003215 |      |                     |     | 3        | 3          | -     | 100  |
| <b>SEMESTER - III</b> |                      |   |           |      |                     |     |          |            |       |      |
| I                     | Lang.- I             | Tamil - III   | 210103301 | 6    |                     | 3   |          | 3          | 25    | 75   |
| II                    | Lang - II            | English - III   | 211003301 | 6    |                     | 3   |          | 3          | 25    | 75   |
| III                   | Core                 | Fiscal Economics  | 211503301 | 4    |                     | 3   |          | 3          | 25    | 75   |
|                       | Core                 | Agricultural Economics  | 211503302 | 4    |                     | 3   |          | 3          | 25    | 75   |
|                       | A. Econo.            | Economic Statistics - I   | 211503322 | 6    |                     | 5   |          | 3          | 25    | 75   |
| IV                    | NME - I              | Fundamentals of Economics -I                                      | 214603315 | 2    |                     | 2   |          | 3          | 25    | 75   |
|                       | SBE- III             | Economics of Tourism  | 214403315 | 2    |                     | 2   |          | 3          | 25    | 75   |
| V                     | Extension activities | NSS / NCC / PED/Rover and Rangers/Library Science and Information | -         |      | 3                   |     |          | -          | -     | -    |
|                       | Additional Courses   | Communicative English-II  | -         |      | 2                   |     |          | -          | -     | -    |
|                       |                      | Computer Literacy   | -         |      | 1                   |     |          | -          | -     | -    |
|                       | SLC                  | Financial Markets and Services                                    | 218003315 |      |                     |     | 3        | 3          | -     | 100  |

| Part                 | Course               | Subject   |              | Hrs.       | 6 <sup>th</sup> Hr. | Cr.        | Adl. Cr.  | Exam (Hrs) | Marks         |               |
|----------------------|----------------------|---|--------------|------------|---------------------|------------|-----------|------------|---------------|---------------|
|                      |                      |   |              |            |                     |            |           |            | Int.          | Ext.          |
| <b>SEMESTER - IV</b> |                      |   |              |            |                     |            |           |            |               |               |
| I                    | Lang.-I              | Tamil – IV  | 210103401    | 6          |                     | 3          |           | 3          | 25            | 75            |
| II                   | Lang.-II             | English – IV  | 211003401    | 6          |                     | 3          |           | 3          | 25            | 75            |
| III                  | Core                 | International Economics   | 211503401    | 4          |                     | 3          |           | 3          | 25            | 75            |
|                      | Core                 | Industrial Economics  | 211503402    | 4          |                     | 3          |           | 3          | 25            | 75            |
|                      | A.Econo.             | Economic Statistics - II  | 211503422    | 6          |                     | 5          |           | 3          | 25            | 75            |
| IV                   | NME- II              | Fundamentals of Economics II                                      | 214603415    | 2          |                     | 2          |           | 3          | 25            | 75            |
|                      | SBE- IV              | Economics of Insurance  | 214403415    | 2          |                     | 2          |           | 3          | 25            | 75            |
| V                    | Extension activities | NSS / NCC / PED/Rover and Rangers/Library Science and Information |              |            | 3                   | 1          |           | 3          | 25<br>*40     | 75<br>*60     |
|                      | Additional Courses   | Communicative English-II  | 218003401    |            | 2                   |            | 1         | 3          | 25            | 75            |
|                      |                      | Computer Literacy   | -            |            | 1                   |            |           | -          | -             | -             |
|                      | SLC                  | Human Resource Management   | 218003415    |            |                     |            | 4         | 3          | -             | 100           |
| <b>SEMESTER - V</b>  |                      |   |              |            |                     |            |           |            |               |               |
| III                  | Core                 | Mathematics for Economics   | 211503501    | 6          |                     | 5          |           | 3          | 25            | 75            |
|                      | Core                 | Applied Economics   | 211503502    | 6          |                     | 5          |           | 3          | 25            | 75            |
|                      | Core                 | Macro Economics   | 211503503    | 5          |                     | 4          |           | 3          | 25            | 75            |
|                      | Core                 | Development Economics   | 211503504    | 5          |                     | 4          |           | 3          | 25            | 75            |
|                      | Elective             | Elective – I - Project<br>*Report;@Viva                           | 211503505    | 5          |                     | 5          |           | -          | 40<br>[24:16] | 60<br>[36:24] |
| IV                   | SBE - V              | Computer Application in Economics                                 | 214403515    | 2          |                     | 2          |           | 3          | 25            | 75            |
|                      | WS                   | Women Studies   | 214503501    | 1          |                     | 1          |           | 2          | -             | 100           |
|                      | Additional Courses   | Communicative English-III   | -            |            | 2                   |            |           | -          | -             | -             |
|                      |                      | Computer Literacy   | -            |            | 1                   |            |           | -          | -             | -             |
|                      |                      | Skill Development – Career Guidance                               | -            |            | 3                   |            |           | -          | -             | -             |
|                      | SLC                  | Quantitative Techniques   | 218003515    |            |                     |            | 4         | 3          | -             | 100           |
| <b>SEMESTER - VI</b> |                      |   |              |            |                     |            |           |            |               |               |
| III                  | Core                 | Mathematical Economics  | 211503601    | 5          |                     | 4          |           | 3          | 25            | 75            |
|                      | Core                 | History of Economic Thought                                       | 211503602    | 5          |                     | 4          |           | 3          | 25            | 75            |
|                      | Core                 | Indian Economy  | 211503603    | 4          |                     | 4          |           | 3          | 25            | 75            |
|                      | *Elective            | Elective – II   | -            | 6          |                     | 5          |           | 3          | 25            | 75            |
|                      | *Elective            | Elective – III  | -            | 6          |                     | 5          |           | 3          | 25            | 75            |
| IV                   | SBE - VI             | Economics of Infrastructure                                       | 214403615    | 2          |                     | 2          |           | 3          | 25            | 75            |
|                      | VBE                  | Value Based Education   | 214303601    | 2          |                     | 2          |           | 2          | -             | 100           |
|                      | Additional Courses   | Communicative English-III   | 218003601    |            | 2                   |            | 1         | 3          | 25            | 75            |
|                      |                      | Computer Literacy   | 218003602    |            | 1                   |            | 1         | 3          | -             | 100           |
|                      |                      | Skill Development – Career Guidance                               | 218003603    |            | 3                   |            | 2         | 3          | -             | 100           |
|                      |                      |   | <b>TOTAL</b> | <b>180</b> | <b>36</b>           | <b>140</b> | <b>20</b> |            |               |               |

**Each elective paper has two choices, select any one**

**\*Elective II .**

II.1 Labour Economics - 211503604

II.2 Rural Economics - 211503605

**\*Elective III**

III.1 Entrepreneurship Development - 211503606

III.2 Urban Economics - 211503607

**ALLIED – ECONOMICS FOR COMMERCE**

| Sem | Title of the Paper            | Sub Code  | Hrs. | Cr. | Exam (Hrs) | Marks |     |
|-----|-------------------------------|-----------|------|-----|------------|-------|-----|
|     |                               |           |      |     |            | Int.  | Ext |
| I   | Managerial Economics          | 211503121 | 6    | 5   | 3          | 25    | 75  |
| II  | Economic Development of India | 211503221 | 6    | 5   | 3          | 25    | 75  |

**ALLIED – ECONOMICS FOR HISTORY**

| Sem | Title of the Paper      | Sub Code  | Hrs. | Cr. | Exam (Hrs) | Marks Allotted |     |
|-----|-------------------------|-----------|------|-----|------------|----------------|-----|
|     |                         |           |      |     |            | Int            | Ext |
| III | nghJg; nghUshjhuk; – I  | 211503321 | 6    | 5   | 3          | 25             | 75  |
| IV  | nghJg; nghUshjhuk; – II | 211503421 | 6    | 5   | 3          | 25             | 75  |



**B.A. ECONOMICS CHOICE BASED CREDIT SYSTEM WITH OBE PATTERN  
FOR THOSE WHO HAVE JOINED FROM THE ACADEMIC YEAR 2021-22 ONWARDS**

**Core Subject**

**MATHEMATICS FOR ECONOMICS  
SEMESTER V**

**Code:211503501**

**6 Hrs/Week**

**Credits 5**

**Preamble:-**

*To create basic idea about the mathematics for economics.*

**COURSE OUTCOMES (COs)**

On Successful completion of the course, the student will be able to

| <b>No.</b> | <b>Course Outcome</b>   | <b>Knowledge Level<br/>(According to<br/>Bloom's Taxonomy)</b> |
|------------|---|--|
| <b>CO1</b> | Understand the implications of mathematical techniques in economics.                  | Up to K3   |
| <b>CO2</b> | Solve the lineal equations  | Up to K3   |
| <b>CO3</b> | Understand the relationship between equation and demand & supply                      | Up to K3   |
| <b>CO4</b> | To deal with the well defined collection of options and grouping the similar objects. | Up to K3   |
| <b>CO5</b> | Determine the logical reasoning by applying logarithms.                               | Up to K3   |

K1- Knowledge K2 – Understand K3-Apply

**UNIT – I:**

**[18 Hrs]**

Introduction – Meaning – Uses of Mathematical Techniques in Economic Analysis – Basic Rules of Arithmetic Operations – Fraction – Algebraic Symbolism.

**UNIT – II:**

**[18 Hrs]**

Equation – Linear equation with one variable – Simultaneous linear equation with two variables.

**UNIT – III:**

**[18 Hrs]**

Application of linear function in Economics with reference to linear demand function and linear supply function – Quadratic equation (by using standard quadratic formula only).

**UNIT – IV:**

**[18 Hrs]**

Set Theory – Definition – Types of Set – Universal Set – Operations on Sets – Difference of Sets – Complement of a Set – Demorgans law – Venn diagram (for 2 & 3 Sets) – Problems for 2 Sets and 3 Sets using Venn diagram.

**UNIT – V:**

**[18 Hrs]**

Logarithm – Definition – Formula (product, quotient, exponent) – Calculation using logarithmic tables (Simple Problems).

**TEXT BOOKS:**

1. Bose D., An Introduction to Mathematical Methods, Himalaya Publishing House, Mumbai, 2019.
2. Vedamanickam, Mathematical Methods, G.V. Book Publications, Madurai, 1999.

**REFERENCES:**

1. Archibald G.C., and Richard Lipsey G., A Mathematical Treatment of Economics, All India Traveller Book Seller, New Delhi, 1984.
2. Sancheti D.C., and Kapoor V.K., Business Mathematics, Sulthan Chand & Sons, New Delhi, 1992.
3. Taro Yamne, Mathematics for Economics, Prentice Hall of India, Private Limited, New Delhi, 1995.
4. Veerachamy R., Quantitative Methods, New Age International Publishers, New Delhi, 2002.

**PEDAGOGY:** Chalk & Talk , Lecture

**COURSE CONTENTS & TEACHING / LEARNING SCHEDULE**

| Module No. | Topic  | No. of Lectures | Content Delivery Method | Teaching Aids |
|------------|--|-----------------|-------------------------|---------------|
| UNIT – I   |  | [18 Hrs]        |                         |               |
| 1.1        | Introduction   | 4               | Chalk & Talk            | Black Board   |
| 1.2        | Meaning, Uses of Mathematical Techniques in Economic Analysis    | 4               | Chalk & Talk            | Black Board   |
| 1.3        | Basic Rules of Arithmetic Operations                             | 5               | Chalk & Talk            | Black Board   |
| 1.4        | Fraction, Algebraic Symbolism.                                   | 5               | Discussion              | PPT           |
| UNIT – II  |  | [18 Hrs]        |                         |               |
| 2.1        | Equation   | 3               | Chalk & Talk            | Black Board   |
| 2.2        | Linear equation with one variable                                | 9               | Chalk & Talk            | Black Board   |
| 2.3        | Simultaneous linear equation with two variables                  | 6               | Chalk & Talk            | Black Board   |
| UNIT – III |  | [18 Hrs]        |                         |               |
| 3.1        | Application of linear function in Economics                      | 6               | Chalk & Talk            | Black Board   |
| 3.2        | reference to linear demand function and linear supply function – | 6               | Chalk & Talk            | Black Board   |
| 3.3        | Quadratic equation (by using standard quadratic formula only).   | 6               | Chalk & Talk            | Black Board   |
| UNIT – IV  |  | [18 Hrs]        |                         |               |
| 4.1        | Set Theory , Definition  | 2               | Chalk & Talk            | Black Board   |
| 4.2        | Types of Set , Operations on Sets                                | 3               | Chalk & Talk            | Black Board   |
| 4.3        | Universal Set, Difference of Sets , Complement of a Set          | 3               | Chalk & Talk            | Black Board   |
| 4.4        | Demorgans law  | 4               | Chalk & Talk            | Black Board   |
| 4.5        | Venn diagram (for 2 & 3 Sets)                                    | 3               | Chalk & Talk            | Black Board   |
| 4.6        | Problems for 2 Sets and 3 Sets using Venn diagram.               | 3               | Chalk & Talk            | Black Board   |
| UNIT – V   |  | [18 Hrs]        |                         |               |
| 5.1        | Logarithm , Definition   | 3               | Chalk & Talk            | Black Board   |
| 5.2        | Formula (product, quotient, exponent)                            | 7               | Chalk & Talk            | Black Board   |
| 5.3        | Calculation using logarithmic tables (Simple Problems).          | 8               | Chalk & Talk            | Black Board   |

**MAPPING OF COs WITH POs**

|            | <b>PO1</b> | <b>PO2</b> | <b>PO3</b> | <b>PO4</b> | <b>PO5</b> |
|------------|------------|------------|------------|------------|------------|
| <b>CO1</b> | 3          | 2          | 3          | 2          | 3          |
| <b>CO2</b> | 2          | 1          | 1          | 2          | 3          |
| <b>CO3</b> | 2          | 2          | 1          | 3          | 2          |
| <b>CO4</b> | 2          | 3          | 1          | 2          | 3          |
| <b>CO5</b> | 2          | 3          | 2          | 1          | 2          |

3 - Strong      2 - Medium      1- Low

**COURSE DESIGNER:** Staff Members, Department of Economics

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**Core Subject**

**APPLIED ECONOMICS  
SEMESTER V**

**Code: 211503502  
6 Hrs/Week  
Credits 5**

**Preamble:**

*Study of applied economics helps in enhancement of analytical skills, assists in rational configuration as well as solution to problems.*

**COURSE OUTCOMES (COs)**

On Successful completion of the course, the student will be able to

| <b>No.</b> | <b>Course Outcome</b>   | <b>Knowledge Level<br/>(According to<br/>Bloom's Taxonomy)</b> |
|------------|---|--|
| <b>CO1</b> | To have a basic idea on managerial economics and the responsibilities of a managerial economist | Up to K3   |
| <b>CO2</b> | To create an awareness about the firm and demand forecasting                                    | Up to K3   |
| <b>CO3</b> | Determination of capital budgeting and its implications   | Up to K3   |
| <b>CO4</b> | To determine the break-even point and to create an awareness on the pricing policies            | Up to K3   |
| <b>CO5</b> | The implications of various pricing strategies  | Up to K3   |

K1- Knowledge K2 – Understand K3-Apply

**UNIT – I:**

**[18 Hrs]**

Definition of Managerial Economics – Nature of managerial Economics  
- Scope of Managerial Economics – Relation of Managerial Economics with other disciplines – difference between Economics and Managerial Economics  
- Role of a Managerial Economist – Responsibilities of a Managerial Economist.

**UNIT – II:**

**[18 Hrs]**

Objectives of a modern business firm – fundamental concepts – Demand forecasting – Meaning – factors involved in demand forecasting – methods of demand forecasting for an established product and a new product – Criteria for a good forecasting method.

**UNIT – III:**

**[18 Hrs]**

Capital budgeting – meaning – important steps – need for capital budgeting – forms of capital budgeting – nature of capital budgeting problems – capital rationing.

UNIT – IV:

[18 Hrs]

Break–Even analysis – assumptions – determination of Break-even point - managerial uses – limitations.

Pricing – objectives of Pricing policy – methods – cost plus – target pricing – Marginal cost pricing – going rate pricing – customary pricing – other pricing methods

UNIT – V:

[18 Hrs]

Pricing over a life cycle of a product – price discrimination – objective of price discrimination – degrees of price discrimination – pricing strategies for new product – pricing for the multi product firm - Price lining – product line pricing – methods – goal.

**TEXT BOOK:**

01.Sankaran S., Managerial Economics, Margham Publications, Chennai, 2010.

**REFERENCE:**

01.Cauvery R, Sudha Nayak, Girija and Meerabai, Managerial Economic, S.Chand and Co., New Delhi-2010.

**PEDAGOGY:** Chalk & Talk, Lecture, blended Learning

**COURSE CONTENTS & TEACHING / LEARNING SCHEDULE**

| Module No.          | Topic  | No. of Lectures | Content Delivery Method | Teaching Aids |
|---------------------|--|-----------------|-------------------------|---------------|
| UNIT – I [18 Hrs]   |  |                 |                         |               |
| 1.1                 | Definition of Managerial Economics   | 2               | Chalk & Talk            | Black Board   |
| 1.2                 | Nature of managerial Economics.  | 2               | Chalk & Talk            | Black Board   |
| 1.3                 | Scope of Managerial Economics  | 3               | Chalk & Talk            | Black Board   |
| 1.4                 | Relation of Managerial Economics with other disciplines                    | 3               | Chalk & Talk            | Black Board   |
| 1.5                 | difference between Economics and Managerial Economics                      | 3               | Chalk & Talk            | Black Board   |
| 1.6                 | Role of a Managerial Economist   | 2               | Chalk & Talk            | Black Board   |
| 1.7                 | Responsibilities of a Managerial Economist                                 | 3               | Chalk & Talk            | Black Board   |
| UNIT – II [18 Hrs]  |  |                 |                         |               |
| 2.1                 | Objectives of a modern business firm                                       | 3               | Chalk & Talk            | Black Board   |
| 2.2                 | fundamental concepts   | 2               | Chalk & Talk            | Black Board   |
| 2.3                 | Demand forecasting Meaning   | 2               | Chalk & Talk            | Black Board   |
| 2.4                 | factors involved in demand forecasting                                     | 3               | Chalk & Talk            | Black Board   |
| 2.5                 | methods of demand forecasting for an established product and a new product | 4               | Chalk & Talk            | Black Board   |
| 2.6                 | Criteria for a good forecasting method                                     | 4               | Chalk & Talk            | Black Board   |
| UNIT – III [18 Hrs] |  |                 |                         |               |
| 3.1                 | Capital budgeting  | 2               | Chalk & Talk            | Black Board   |
| 3.2                 | meaning , important steps  | 4               | Chalk & Talk            | Black Board   |
| 3.3                 | need for capital budgeting forms of capital budgeting                      | 4               | Chalk & Talk            | Black Board   |

|                    |   |   |              |             |
|--------------------|---|---|--------------|-------------|
| 3.4                | nature of capital budgeting problems            | 4 | Chalk & Talk | Black Board |
| 3.5                | capital rationing                               | 4 | Chalk & Talk | Black Board |
| UNIT – IV [18 Hrs] |   |   |              |             |
| 4.1                | Break–Even analysis                             | 1 | Chalk & Talk | Black Board |
| 4.2                | assumptions – determination of Break-even point | 2 | Chalk & Talk | Black Board |
| 4.3                | managerial uses – limitations.                  | 2 | Chalk & Talk | Black Board |
| 4.4                | Pricing, objectives of Pricing policy           | 2 | Chalk & Talk | Black Board |
| 4.5                | methods   | 2 | Chalk & Talk | Black Board |
| 4.6                | cost plus                                       | 2 | Chalk & Talk | Black Board |
| 4.7                | target pricing                                  | 2 | Chalk & Talk | Black Board |
| 4.8                | Marginal cost pricing                           | 2 | Chalk & Talk | Black Board |
| 4.9                | going rate pricing                              | 2 | Chalk & Talk | Black Board |
| 4.10               | customary pricing & other pricing methods       | 2 | Chalk & Talk | Black Board |
| UNIT – V [18 Hrs]  |   |   |              |             |
| 5.1                | Pricing over a life cycle of a product          | 2 | Chalk & Talk | Black Board |
| 5.2                | price discrimination                            | 2 | Chalk & Talk | Black Board |
| 5.3                | objective of price discrimination               | 2 | Chalk & Talk | Black Board |
| 5.4                | degrees of price discrimination                 | 2 | Chalk & Talk | Black Board |
| 5.5                | pricing strategies for new product              | 2 | Chalk & Talk | Black Board |
| 5.6                | pricing for the multi product firm              | 3 | Chalk & Talk | Black Board |
| 5.7                | Price lining – product line pricing             | 2 | Chalk & Talk | Black Board |
| 5.8                | methods – goal                                  | 3 | Chalk & Talk | Black Board |

**MAPPING OF Cos WITH Pos**

|            | <b>PO1</b> | <b>PO2</b> | <b>PO3</b> | <b>PO4</b> | <b>PO5</b> |
|------------|------------|------------|------------|------------|------------|
| <b>CO1</b> | 3          | 2          | 3          | 2          | 1          |
| <b>CO2</b> | 2          | 3          | 1          | 2          | 3          |
| <b>CO3</b> | 1          | 2          | 3          | 2          | 1          |
| <b>CO4</b> | 3          | 2          | 1          | 3          | 1          |
| <b>CO5</b> | 2          | 3          | 2          | 3          | 1          |

3 – Strong      2 – Medium      1- Low

**COURSE DESIGNER:** Staff Members, Department of Economics

Core Subject

**MACRO ECONOMICS**

Code: 211503503

**SEMESTER V**

**5 Hrs/Week**

**Credits 4**

**Preamble:**

*⚡ This course is designed to introduce the student the basic building blocks of macroeconomics. The student should be able to build on these constituents in the later years so as to be able to analyze macroeconomic policies*

**COURSE OUTCOMES (Cos)**

On Successful completion of the course, the student will be able to

| <b>No.</b> | <b>Course Outcome</b>   | <b>Knowledge Level (According to Bloom's Taxonomy)</b> |
|------------|---|--|
| <b>CO1</b> | understand the basics of macro economics and the circular flow of income                      | Up to K3   |
| <b>CO2</b> | have an idea on the concepts of national income and the methods of estimating national income | Up to K3   |

|            |   |          |
|------------|---|----------|
| <b>CO3</b> | differences between the classical approach and the Keynesian approach | Up to K3 |
| <b>CO4</b> | importance of consumption in an economy and the role of investment    | Up to K3 |
| <b>CO5</b> | working of multiplier and acceleration principle                      | Up to K3 |

K1- Knowledge K2 – Understand K3-Apply

UNIT – I: **[15 Hrs]**

Macro economics – meaning – definition – scope – importance – limitations – Micro Economics Vs Macro Economics – circular flow of income – two sector model without savings – leakages and injections – two sector model with savings – three sector economy – four sector economy

UNIT – II: **[15 Hrs]**

National income – meaning – definition – concepts – methods of measuring national income – uses of national income statistics – difficulties in estimating national income

UNIT – III: **[15 Hrs]**

Employment – meaning of full employment – criteria for unemployment – causes for unemployment – types of unemployment – Say’s law of market – Keynes’ theory of employment and output – differences between Keynes’ theory and classical theory – phases of business cycle only

UNIT – IV: **[15 Hrs]**

Meaning of consumption function – APC – MPC – factors determining consumption function – steps to increase the consumption expenditure – Keynes psychological law of consumption – types of investment – meaning of MEC – factors determining MEC

UNIT – V: **[15 Hrs]**

Multiplier – meaning – assumption – working of multiplier – acceleration principle – meaning – working – limitations – Macro Economic Policy – meaning – objectives

**TEXT BOOKS:**

1. Cauvery R. and Sudhanayak U.K., Macro Economics, S.Chand and Companyt, New Delhi
2. Maria John Kennedy M., Macro Economic Theory, PHI Learning Private Limited, New Delhi

**REFERENCE:**

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

**PEDAGOGY:** Chalk & Talk, Lecture, Blended Learning

**COURSE CONTENTS & TEACHING / LEARNING SCHEDULE**

| Module No.        | Topic                         | No. of Lectures | Content Delivery Method | Teaching Aids |
|-------------------|-------------------------------|-----------------|-------------------------|---------------|
| UNIT – I [15 Hrs] |                               |                 |                         |               |
| 1.1               | Meaning of Macro Economics    | 2               | Chalk & Talk            | Black Board   |
| 1.2               | Definition of Macro Economics | 1               | Chalk & Talk            | Black Board   |
| 1.3               | Scope of Macro Economics      | 1               | Discussion              | LCD           |

|                     |   |   |              |             |
|---------------------|---|---|--------------|-------------|
| 1.4                 | Importance of macro Economics                           | 1 | Chalk & Talk | Black Board |
| 1.5                 | Limitations of Macro Economics                          | 1 | Chalk & Talk | Black Board |
| 1.6                 | Micro Economics Vs Macro Economics                      | 2 | Chalk & Talk | Black Board |
| 1.7                 | CFI – Two sector model without savings                  | 2 | Chalk & Talk | Black Board |
| 1.8                 | Leakages and Injections                                 | 1 | Discussion   | LCD         |
| 1.9                 | CFI – Two sector model with savings                     | 1 | Chalk & Talk | Black Board |
| 1.10                | CFI – Three sector economy                              | 1 | Chalk & Talk | Black Board |
| 1.11                | CFI – Four sector economy                               | 2 | Chalk & Talk | Black Board |
| UNIT – II [15 Hrs]  |   |   |              |             |
| 2.1                 | Meaning of National Income                              | 1 | Chalk & Talk | Black Board |
| 2.2                 | Definition of national Income                           | 1 | Chalk & Talk | Black Board |
| 2.3                 | Concepts of National Income                             | 6 | Discussion   | LCD         |
| 2.4                 | Methods of measuring national Income                    | 2 | Chalk & Talk | Black Board |
| 2.5                 | Uses of national Income Statistics                      | 2 | Chalk & Talk | Black Board |
| 2.6                 | Difficulties in estimating National Income              | 3 | Chalk & Talk | Black Board |
| UNIT – III [15 Hrs] |   |   |              |             |
| 3.1                 | meaning of full employment                              | 1 | Chalk & Talk | Black Board |
| 3.2                 | criteria for unemployment                               | 1 | Chalk & Talk | Black Board |
| 3.3                 | causes for unemployment                                 | 1 | Discussion   | LCD         |
| 3.4                 | types of unemployment                                   | 2 | Chalk & Talk | Black Board |
| 3.5                 | Say’s law of market                                     | 3 | Chalk & Talk | Black Board |
| 3.6                 | Keynes’ theory of employment and output                 | 4 | Chalk & Talk | Black Board |
| 3.7                 | differences between Keynes’ theory and classical theory | 1 | Chalk & Talk | Black Board |
| 3.8                 | phases of business cycle only                           | 2 | Chalk & Talk | Black Board |
| UNIT – IV [15 Hrs]  |   |   |              |             |
| 4.1                 | Meaning of consumption function                         | 1 | Chalk & Talk | Black Board |
| 4.2                 | APC   | 1 | Discussion   | LCD         |
| 4.3                 | MPC   | 1 | Chalk & Talk | Black Board |
| 4.4                 | factors determining consumption function                | 3 | Chalk & Talk | Black Board |
| 4.5                 | steps to increase the consumption expenditure           | 1 | Chalk & Talk | Black Board |
| 4.6                 | Keynes psychological law of consumption                 | 2 | Chalk & Talk | Black Board |
| 4.7                 | types of investment                                     | 2 | Chalk & Talk | Black Board |
| 4.8                 | meaning of MEC  | 1 | Chalk & Talk | Black Board |
| 4.9                 | factors determining MEC                                 | 3 | Chalk & Talk | Black Board |
| UNIT – V [15 Hrs]   |   |   |              |             |
| 5.1                 | Meaning of multiplier                                   | 2 | Chalk & Talk | Black Board |
| 5.2                 | Assumptions of multiplier                               | 1 | Chalk & Talk | Black Board |
| 5.3                 | Working of multiplier                                   | 2 | Chalk & Talk | Black Board |
| 5.4                 | Meaning of acceleration principle                       | 2 | Chalk & Talk | Black Board |
| 5.5                 | Working of acceleration principle                       | 2 | Chalk & Talk | Black Board |
| 5.6                 | Limitations of acceleration principle                   | 1 | Chalk & Talk | Black Board |
| 5.7                 | Meaning of macroeconomic policy                         | 1 | Chalk & Talk | Black Board |
| 5.8                 | Objectives of macroeconomic policy                      | 3 | Chalk & Talk | Black Board |

**MAPPING OF COs WITH POs**

|            | <b>PO1</b> | <b>PO2</b> | <b>PO3</b> | <b>PO4</b> | <b>PO5</b> |
|------------|------------|------------|------------|------------|------------|
| <b>CO1</b> | 3          | 2          | 1          | 2          | 3          |
| <b>CO2</b> | 2          | 3          | 1          | 2          | 3          |
| <b>CO3</b> | 2          | 3          | 1          | 2          | 2          |
| <b>CO4</b> | 2          | 3          | 1          | 2          | 3          |
| <b>CO5</b> | 2          | 3          | 2          | 1          | 2          |

3 – Strong      2 – Medium      1- Low

**COURSE DESIGNER:** Staff Members, Department of Economics

**Core Subject**

**DEVELOPMENT ECONOMICS**

**Code: 211503504**

**SEMESTER V**

**5 Hrs/Week**

**Credits 4**

**Preamble:-**

*To create awareness about the systems followed in Economic planning.*

**COURSE OUTCOMES (Cos)**

On Successful completion of the course, the student will be able to

| <b>No.</b> | <b>Course Outcome</b>                   | <b>Knowledge Level<br/>(According to<br/>Bloom's Taxonomy)</b> |
|------------|---|--|
| <b>CO1</b> | Economic development Vs Economic growth | Up to K3   |
| <b>CO2</b> | Theories of economic development        | Up to K3   |
| <b>CO3</b> | Theories of economic growth             | Up to K3   |
| <b>CO4</b> | Need for planning                       | Up to K3   |
| <b>CO5</b> | Planning in India                       | Up to K3   |

K1- Knowledge K2 – Understand K3-Apply

UNIT – I:

**[15 Hrs]**

Meaning of economic development and economic growth – economic development Vs economic growth – measurement of economic development – characteristics of under developed countries – obstacles to economic development – factors of economic growth (economic and non economic)

UNIT – II:

**[15 Hrs]**

Adam Smith's theory of economic development – Ricardian theory – Malthusian theory – Mill's theory.

UNIT – III:

**[15 Hrs]**

Rostow's stages of economic growth – The Big Push theory – Doctrine of Balanced Growth – The concept of Unbalanced Growth

UNIT – IV:

**[15 Hrs]**

Meaning of economic planning – features of economic planning – need for planning in under developed countries – case for and against economic planning – requisites for successful planning

UNIT – V:

**[15 Hrs]**

Types of planning – planning machinery in India – objectives of Indian five year plans only – Twelfth Five Year Plan – NITI Aayog – objectives and features



**TEXT BOOK:**

01.Jhingan M.L., The Economics of Development and Planning, Vrindha Publications Private Limited, Delhi.

**REFERENCE:**

01.Lekhi R.K., The Economics of Development and Planning, Kalyani Publishers, Calcutta.

02.Balasubramanian N.S., Venugopalan V., Planning and Growth, Uma Sugant Publications, Madurai.

**PEDAGOGY:** Chalk & Talk, Lecture

**COURSE CONTENTS & TEACHING / LEARNING SCHEDULE**

| Module No.          | Topic  | No. of Lectures | Content Delivery Method | Teaching Aids |
|---------------------|--|-----------------|-------------------------|---------------|
| UNIT – I [15 Hrs]   |  |                 |                         |               |
| 1.1                 | Meaning of economic development and economic growth    | 5               | Chalk & Talk            | Black Board   |
| 1.2                 | economic development Vs economic growth                | 5               | Chalk & Talk            | Black Board   |
| 1.3                 | measurement of economic development                    |                 | Chalk & Talk            | Black Board   |
| 1.4                 | characteristics of under developed countries           | 5               | Chalk & Talk            | Black Board   |
| 1.5                 | obstacles to economic development                      |                 | Chalk & Talk            | Black Board   |
| 1.6                 | factors of economic growth (economic and non economic) |                 | Chalk & Talk            | Black Board   |
| UNIT – II [15 Hrs]  |  |                 |                         |               |
| 2.1                 | Adam Smith's theory of economic development            | 4               | Chalk & Talk            | Black Board   |
| 2.2                 | Ricardian theory                                       | 4               | Chalk & Talk            | Black Board   |
| 2.3                 | Malthusian theory                                      | 4               | Chalk & Talk            | Black Board   |
| 2.4                 | Mill's theory.   | 3               | Chalk & Talk            | Black Board   |
| UNIT – III [15 Hrs] |  |                 |                         |               |
| 3.1                 | Rostow's stages of economic growth                     | 3               | Chalk & Talk            | Black Board   |
| 3.2                 | The Big Push theory                                    | 4               | Chalk & Talk            | Black Board   |
| 3.3                 | Doctrine of Balanced Growth                            | 4               | Chalk & Talk            | Black Board   |
| 3.4                 | The concept of Unbalanced Growth                       | 4               | Chalk & Talk            | Black Board   |
| UNIT – IV [15 Hrs]  |  |                 |                         |               |
| 4.1                 | Meaning of economic planning                           | 3               | Chalk & Talk            | Black Board   |
| 4.2                 | features of economic planning                          | 3               | Chalk & Talk            | Black Board   |
| 4.3                 | need for planning in under developed countries         | 3               | Chalk & Talk            | Black Board   |
| 4.4                 | case for and against economic planning                 | 3               | Chalk & Talk            | Black Board   |
| 4.5                 | requisites for successful planning                     | 3               | Chalk & Talk            | Black Board   |
| UNIT – V [15 Hrs]   |  |                 |                         |               |
| 5.1                 | Types of planning                                      | 2               | Chalk & Talk            | Black Board   |
| 5.2                 | planning machinery in India                            | 2               | Chalk & Talk            | Black Board   |
| 5.3                 | objectives of Indian five year plans only              | 3               | Chalk & Talk            | Black Board   |
| 5.4                 | Twelfth Five Year Plan                                 | 3               | Chalk & Talk            | Black Board   |
| 5.5                 | NITI Aayog   | 3               | Chalk & Talk            | Black Board   |
| 5.6                 | objectives and features                                | 2               | Chalk & Talk            | Black Board   |

**MAPPING OF COs WITH POs**

|            | <b>PO1</b> | <b>PO2</b> | <b>PO3</b> | <b>PO4</b> | <b>PO5</b> |
|------------|------------|------------|------------|------------|------------|
| <b>CO1</b> | 1          | 2          | 3          | 2          | 1          |
| <b>CO2</b> | 3          | 2          | 1          | 2          | 3          |
| <b>CO3</b> | 2          | 3          | 2          | 1          | 1          |
| <b>CO4</b> | 3          | 2          | 2          | 3          | 2          |
| <b>CO5</b> | 2          | 3          | 1          | 2          | 2          |

3 - Strong                  2 - Medium                  1- Low

**COURSE DESIGNER:** Staff Members, Department of Economics

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**Elective - I**

**PROJECT  
SEMESTER V**

**Code: 211503505  
5 Hrs/Week  
Credits 5**

- Every student must undergo a project work in the fifth semester.
- Students have to select a topic related to Economics.
- Every student will be assigned to a staff member who will provide necessary guidance.
- Students should present the project in the class room.
- Students should submit a written report.
- Viva–voce examination will be conducted at the end of the semester.
- Project work will be awarded marks on the following basis:

|                     |                     |
|---------------------|---------------------|
| Internal = 40 Marks | External = 60 Marks |
| Report = 30         | Report = 50         |
| Viva = 10           | Viva = 10           |
| Total = 40          | Total = 60          |

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**Part – IV**

**COMPUTER APPLICATION IN ECONOMICS**

**Code: 214403515**

**Skill Based Elective–V-Major**

**SEMESTER V**

**2 Hrs/Week**

**Credits 2**

**Preamble:**

*≠ The paper on Basics of Computer is to have a basic knowledge about the computer, and its use in their career development.*

**COURSE OUTCOMES (COs)**

On Successful completion of the course, the student will be able to

| <b>No.</b> | <b>Course Outcome</b>                                 | <b>Knowledge Level<br/>(According to<br/>Bloom’s Taxonomy)</b> |
|------------|---|--|
| <b>CO1</b> | To get knowledge about basic knowledge about Computer | Up to K3   |
| <b>CO2</b> | To know the significance of computer Generation       | Up to K3   |
| <b>CO3</b> | To understand the types of computer and problems      | Up to K3   |
| <b>CO4</b> | To identify the various types of memory               | Up to K3   |
| <b>CO5</b> | To understand the role of computer in Project work    | Up to K3   |

K1- Knowledge K2 – Understand K3-Apply

**UNIT – I:**

**[6 Hrs]**

Computer – meaning – Parts of a computer - Categories of keys - the First Generations(1946) – The Second Generations (1947)

- UNIT – II: **[6 Hrs]**  
 The Third Generations (1965) - The Fourth Generations (1976 – 1985) –  
 The Fifth Generations.
- UNIT – III: **[6 Hrs]**  
 Characteristics of computers – problem solving using computers –  
 classifications of computers.
- UNIT – IV: **[6 Hrs]**  
 Categories of computer printers – types of memory.
- UNIT – V: **[6 Hrs]**  
 Operating system – steps – facilities of a modern operating system –  
 Advantages of Using a Computer in project work

**TEXT BOOK:**

01.Rajaraman V., Fundamentals of computer, Prentice – Hall of Indian Pvt Ltd., New Delhi.

**REFERENCE:**

02.Carpinelli J.D., Computer systems organizing and Architecture, Addison Mesley Boston M.A..

**PEDAGOGY:** Lecture, Chalk & Talk

**COURSE CONTENTS & TEACHING / LEARNING SCHEDULE**

| Module No.         | Topic  | No. of Lectures | Content Delivery Method | Teaching Aids |
|--------------------|--|-----------------|-------------------------|---------------|
| UNIT – I [6 Hrs]   |  |                 |                         |               |
| 1.1                | Computer – meaning – Parts of a computer       | 2               | Chalk & Talk            | Black board   |
| 1.2                | Categories of keys                             | 2               | Chalk & Talk            | Black board   |
| 1.3                | the First Generations(1946)                    | 1               | Chalk & Talk            | Black board   |
| 1.4                | The Second Generations (1947)                  | 1               | Chalk & Talk            | Black board   |
| UNIT – II [6 Hrs]  |  |                 |                         |               |
| 2.1                | The Third Generations (1965) --                | 2               | Chalk & Talk            | Black board   |
| 2.2                | The Fourth Generations (1976 – 1985)           | 2               | Discussion              | LCD Projector |
| 2.3                | The Fifth Generations.                         | 2               | Discussion              | LCD Projector |
| UNIT – III [6 Hrs] |  |                 |                         |               |
| 3.1                | Characteristics of computers                   | 2               | Chalk & Talk            | Black board   |
| 3.2                | problem solving using computers                | 2               | Chalk & Talk            | Black board   |
| 3.3                | classifications of computers                   | 2               | Chalk & Talk            | Black board   |
| UNIT – IV [6 Hrs]  |  |                 |                         |               |
| 4.1                | Categories of computer printers                | 3               | Chalk & Talk            | Black board   |
| 4.2                | types of memory.                               | 3               | Chalk & Talk            | Black board   |
| UNIT – V [6 Hrs]   |  |                 |                         |               |
| 5.1                | Operating system – steps                       | 2               | Chalk & Talk            | Black board   |
| 5.2                | facilities of a modern operating system        | 2               | Chalk & Talk            | Black board   |
| 5.3                | Advantages of Using a Computer in project work | 2               | Discussion              | LCD Projector |

**MAPPING OF COs WITH POs**

|            | PO1 | PO2 | PO3 | PO4 | PO5 |
|------------|-----|-----|-----|-----|-----|
| <b>CO1</b> | 1   | 3   | 2   | 3   | 3   |
| <b>CO2</b> | 3   | 1   | 3   | 2   | 2   |
| <b>CO3</b> | 2   | 2   | 1   | 3   | 2   |
| <b>CO4</b> | 1   | 3   | 3   | 2   | 2   |
| <b>CO5</b> | 3   | 1   | 2   | 2   | 3   |

3 - Strong      2 - Medium      1- Low

**COURSEDESIGNER:** Staff Members, Department of Economics

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|            |  |          |
|------------|--|----------|
| <b>CO4</b> | Determine the logical reasoning for applying differentiation in profit maximization. | Up to K3 |
| <b>CO5</b> | Solve the linear programming using graphical method for feasible solution.           | Up to K3 |

K1- Knowledge K2 – Understand K3-Apply

UNIT – I: **[15 Hrs]**  
 Matrices – Meaning – Types of Matrices – Operations of Matrices.

UNIT – II: **[15 Hrs]**  
 Determinants – Inverse of a Matrix – Solution of linear equations by Cramer’s rule – Input output analysis.

UNIT – III: **[15 Hrs]**  
 Differentiation – Meaning – Rules of differentiation – Higher order differentiation – Application of derivatives in economics.

UNIT – IV: **[15 Hrs]**  
 Average and Marginal Cost – Average and Marginal Revenues – Maxima and Minima – Profit and Sales Maximization.

UNIT – V: **[15 Hrs]**  
 Linear Programming – Introduction – Formation of linear programming – Problem and its solution by graphical method only.

**TEXT BOOKS:**

1. Bose D., An Introduction to Mathematical Methods, Himalaya Publishing House,2019.
2. Ranganath G.K., Sampangiram C.S., and Rajaram Y., A Text Book of Business Mathematics, Himalya Publishing House, Mumbai,2010.

**REFERENCES:**

1. Allen R.G.D., Mathematical Analysis for Economists, London, 1986.
2. Chiang A.C., Fundamental Methods of Mathematical Economics, London, 1974.
3. Kothari C.R., Quantitative Techniques, Vikas Publishing House Private Limited, New Delhi, 1991.
4. Mehta B.C., and Madnari G.M.K., Mathematics for Economists, Sultan Chand & Sons, New Delhi, 1992.

**PEDAGOGY:** Chalk & Talk, Lecture

**COURSE CONTENTS & TEACHING / LEARNING SCHEDULE**

| Module No. | Topic   | No. of Lectures | Content Delivery Method | Teaching Aids |
|------------|---|-----------------|-------------------------|---------------|
| UNIT – I   |   | [15 Hrs]        |                         |               |
| 1.1        | Matrices                                      | 3               | Chalk & Talk            | Black board   |
| 1.2        | Meaning                                       | 4               | Chalk & Talk            | Black board   |
| 1.3        | Types of Matrices                             | 4               | Chalk & Talk            | Black board   |
| 1.4        | Operations of Matrices.                       | 4               | Chalk & Talk            | Black board   |
| UNIT – II  |   | [15 Hrs]        |                         |               |
| 2.1        | Determinants - Inverse of a Matrix            | 5               | Chalk & Talk            | Black board   |
| 2.2        | Solution of linear equations by Cramer’s rule | 5               | Chalk & Talk            | Black board   |
| 2.3        | Input output analysis.                        | 5               | Chalk & Talk            | Black board   |
| UNIT – III |   | [15 Hrs]        |                         |               |
| 3.1        | Differentiation – Meaning                     | 3               | Chalk & Talk            | Black board   |
| 3.2        | Rules of differentiation                      | 4               | Chalk & Talk            | Black board   |
| 3.3        | Higher order differentiation                  | 4               | Chalk & Talk            | Black board   |

|           |  |          |              |             |
|-----------|--|----------|--------------|-------------|
| 3.4       | Application of derivatives in economics.           | 4        | Chalk & Talk | Black board |
| UNIT – IV |  | [15 Hrs] |              |             |
| 4.1       | Average and Marginal Cost –                        | 5        | Chalk & Talk | Black board |
| 4.2       | Average and Marginal Revenues                      | 5        | Chalk & Talk | Black board |
| 4.3       | Maxima and Minima – Profit and Sales Maximization  | 5        | Chalk & Talk | Black board |
| UNIT – V  |  | [15 Hrs] |              |             |
| 5.1       | Linear Programming Introduction                    | 5        | Chalk & Talk | Black board |
| 5.2       | Formation of linear programming                    | 5        | Chalk & Talk | Black board |
| 5.3       | Problem and its solution by graphical method only. | 5        | Chalk & Talk | Black board |

**MAPPING OF COs WITH POs**

|            | <b>PO1</b> | <b>PO2</b> | <b>PO3</b> | <b>PO4</b> | <b>PO5</b> |
|------------|------------|------------|------------|------------|------------|
| <b>CO1</b> | 3          | 2          | 3          | 2          | 3          |
| <b>CO2</b> | 2          | 3          | 1          | 2          | 3          |
| <b>CO3</b> | 2          | 2          | 1          | 2          | 2          |
| <b>CO4</b> | 2          | 3          | 1          | 2          | 3          |
| <b>CO5</b> | 2          | 3          | 2          | 1          | 2          |

3 - Strong      2 - Medium      1- Low

**COURSE DESIGNER:** Staff Members, Department of Economics

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**Core Subject**

**HISTORY OF ECONOMICS THOUGHT  
SEMESTER VI**

**Code:211503602**

**5 Hrs/Week**

**Credits 4**

**Preamble:**

*☞ This course provides basic understanding about the celebrated economists and their contributions starting from the classical period. It throws light on the contributions of Indian economists too.*

**COURSE OUTCOMES (COs)**

On Successful completion of the course, the student will be able to

| <b>No.</b> | <b>Course Outcome</b>   | <b>Knowledge Level<br/>(According to Bloom's Taxonomy)</b> |
|------------|---|--|
| <b>CO1</b> | have the basic idea of economic thought and the economic ideas of Hebrews and Greeks            | Up to K3   |
| <b>CO2</b> | understand the economic ideas of mercantilist and physiocrats                                   | Up to K3   |
| <b>CO3</b> | get aware about the economic ideas of classical economists like Adam Smith, Malthus and Ricardo | Up to K3   |
| <b>CO4</b> | know about the economic ideas of Alfred Marshall, Pigou and Karl Marx                           | Up to K3   |
| <b>CO5</b> | have the idea on economic ideas of the Indians  | Up to K3   |

K1- Knowledge K2 – Understand K3-Apply

UNIT – I:

**[15 Hrs]**

Approaches to the study of economic thought – significance of history of economic thought – economic thought of Hebrews – economic ideas of Plato – contributions of Aristotle to economic thought

UNIT – II: [15 Hrs]

Factors shaping mercantilism – main ideas of mercantilism – factors responsible for the rise of physiocracy - main ideas of physiocrats – practical ideas of physiocrats

UNIT – III: [15 Hrs]

Characteristic features of classical school – Smith’s economic ideas on division of labour, capital and canons of taxation – Malthusian theory of population – Ricardo’s ideas on rent

UNIT – IV: [15 Hrs]

Alfred Marshall’s view on consumption, internal and external economies, time element, representative firm and quasi rent – ideas of A.C. Pigou – main ideas of Karl Marx

UNIT – V: [15 Hrs]

Economic ideas of Kautilya – Thiruvalluvar, Gandhi, Jawaharlal Nehru and Amartya Sen

**TEXT BOOKS:**

1. Jhingan M.L., Girija M., Manimegalai A., and Sasikala L., History of Economic Thought, Vrinda Publications (P) Ltd., Delhi
2. Lohanathan V., A History of Economic Thought, S.Chand & Company Ltd., New Delhi

**REFERENCES:**

1. Sankaran S., A History of Economic Thought, Margham Publications, Chennai.
2. Blathia. H.L., History of economic thought, Vikas Publishing House Pvt Ltd, New Delhi.

**PEDAGOGY:** Chalk & Talk, Lecture, blended learning

**COURSE CONTENTS & TEACHING / LEARNING SCHEDULE**

| Module No.          | Topic   | No. of Lectures | Content Delivery Method | Teaching Aids |
|---------------------|---|-----------------|-------------------------|---------------|
| UNIT – I [15 Hrs]   |   |                 |                         |               |
| 1.1                 | Approaches to the study of economic thought     | 3               | Chalk & Talk            | Black Board   |
| 1.2                 | significance of history of economic thought     | 3               | Chalk & Talk            | Black Board   |
| 1.3                 | economic thought of Hebrews                     | 3               | Discussion              | LCD           |
| 1.4                 | economic ideas of Plato                         | 3               | Chalk & Talk            | Black Board   |
| 1.5                 | contributions of Aristotle to economic thought  | 3               | Chalk & Talk            | Black Board   |
| UNIT – II [15 Hrs]  |   |                 |                         |               |
| 2.1                 | Factors shaping mercantilism                    | 3               | Chalk & Talk            | Black Board   |
| 2.2                 | main ideas of mercantilism                      | 3               | Chalk & Talk            | Black Board   |
| 2.3                 | factors responsible for the rise of physiocracy | 3               | Discussion              | LCD           |
| 2.4                 | main ideas of physiocrats                       | 3               | Chalk & Talk            | Black Board   |
| 2.5                 | practical ideas of physiocrats                  | 3               | Chalk & Talk            | Black Board   |
| UNIT – III [15 Hrs] |   |                 |                         |               |
| 3.1                 | Characteristic features of classical school     | 2               | Chalk & Talk            | Black Board   |
| 3.2                 | Smith’s economic ideas on division of labour    | 3               | Chalk & Talk            | Black Board   |

|                    |  |   |              |             |
|--------------------|--|---|--------------|-------------|
| 3.3                | Smith's idea on capital and canons of taxation | 3 | Discussion   | LCD         |
| 3.4                | Malthusian theory of population                | 4 | Chalk & Talk | Black Board |
| 3.5                | Ricardo's ideas on rent                        | 3 | Chalk & Talk | Black Board |
| UNIT – IV [15 Hrs] |  |   |              |             |
| 4.1                | Alfred Marshall's view on consumption          | 4 | Chalk & Talk | Black Board |
| 4.2                | internal and external economies                | 1 | Discussion   | LCD         |
| 4.3                | time element                                   | 2 | Chalk & Talk | Black Board |
| 4.4                | representative firm                            | 2 | Chalk & Talk | Black Board |
| 4.5                | quasi rent                                     | 1 | Chalk & Talk | Black Board |
| 4.6                | ideas of A.C. Pigou                            | 2 | Chalk & Talk | Black Board |
| 4.7                | main ideas of Karl Marx                        | 3 | Chalk & Talk | Black Board |
| UNIT – V [15 Hrs]  |  |   |              |             |
| 5.1                | Economic ideas of Kautilya                     | 3 | Chalk & Talk | Black Board |
| 5.2                | Thiruvalluvar                                  | 3 | Chalk & Talk | Black Board |
| 5.3                | Gandhi,  | 3 | Chalk & Talk | Black Board |
| 5.4                | Jawaharlal Nehru                               | 3 | Chalk & Talk | Black Board |
| 5.5                | Amartya Sen                                    | 3 | Chalk & Talk | Black Board |

**MAPPING OF COs WITH POs**

|            | PO1 | PO2 | PO3 | PO4 | PO5 |
|------------|-----|-----|-----|-----|-----|
| <b>CO1</b> | 3   | 2   | 1   | 2   | 3   |
| <b>CO2</b> | 2   | 3   | 2   | 2   | 3   |
| <b>CO3</b> | 2   | 3   | 1   | 2   | 2   |
| <b>CO4</b> | 2   | 3   | 1   | 2   | 3   |
| <b>CO5</b> | 2   | 3   | 2   | 1   | 2   |

3 - Strong      2 - Medium      1- Low

**COURSE DESIGNER:** Staff Members, Department of Economics

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**Core Subject**

**INDIAN ECONOMY  
SEMESTER VI**

**Code: 211503603**

**4 Hrs/Week**

**Credits 4**

**Preamble:**

*To create awareness about the Indian Economy and its major issues*

**COURSE OUTCOMES (COs)**

On Successful completion of the course, the student will be able to

| No.        | Course Outcome                                   | Knowledge Level<br>(According to Bloom's Taxonomy) |
|------------|--|--|
| <b>CO1</b> | Understand the characteristics of Indian Economy | Up to K3   |
| <b>CO2</b> | Awareness on capital and human capital formation | Up to K3   |
| <b>CO3</b> | Idea on New Economic policy                      | Up to K3   |
| <b>CO4</b> | Impact of Parallel Economy                       | Up to K3   |
| <b>CO5</b> | Regional Development                             | Up to K3   |

K1- Knowledge K2 – Understand K3-Apply

UNIT – I:

**[12 Hrs]**

Characteristics of Indian Economy – reasons for the growth of population in India – suggestions to control population growth – causes for unemployment in India – causes for poverty in India.



UNIT – II: **[12 Hrs]**

Importance of capital formation – reasons for low level of capital formation in India – causes for low rate of savings in India – importance of human capital formation – reasons for poor human capital formation in India.

UNIT – III: **[12 Hrs]**

Privatization – ways of privatization – privatization and disinvestment process in India – liberalization – meaning of globalization – advantages and disadvantages of globalization – reforms made to adopt liberalization and globalization.

UNIT – IV: **[12 Hrs]**

Meaning of parallel economy – impact of black money – factors responsible for the generation of black money – causes for corruption in India – measures undertaken to unearth black money in India.

UNIT – V: **[12 Hrs]**

Regional Development – main reasons for regional development disparities – problems of balanced regional development – steps taken to reduce disparities – characteristics of backward areas – problems of regional planning.

**TEXT BOOK:**

01.Sankaran S., Indian Economy, Margham Publications, Chennai, 2018.

**REFERENCES:**

1. Gaurav Datt and Ashwani Mahajan, Indian Economy, S.Chand & company, New Delhi, 2018

**PEDAGOGY:** Chalk & Talk, Blended learning,

**COURSE CONTENTS & TEACHING / LEARNING SCHEDULE**

| Module No.         | Topic  | No. of Lectures | Content Delivery Method | Teaching Aids |
|--------------------|--|-----------------|-------------------------|---------------|
| UNIT – I [12 Hrs]  |  |                 |                         |               |
| 1.1                | Characteristics of Indian Economy                    | 2               | Chalk & Talk            | Black Board   |
| 1.2                | reasons for the growth of population in India        | 2               | Chalk & Talk            | Black Board   |
| 1.3                | suggestions to control population growth             | 2               | Chalk & Talk            | Black Board   |
| 1.4                | causes for unemployment in India                     | 2               | Chalk & Talk            | Black Board   |
| 1.5                | causes for poverty in India                          | 2               | Chalk & Talk            | Black Board   |
| UNIT – II [12 Hrs] |  |                 |                         |               |
| 2.1                | Importance of capital formation                      | 2               | Chalk & Talk            | Black Board   |
| 2.2                | reasons for low level of capital formation in India. | 3               | Chalk & Talk            | Black Board   |
| 2.3                | causes for low rate of savings in India              | 2               | Chalk & Talk            | Black Board   |
| 2.4                | importance of human capital formation                | 3               | Chalk & Talk            | Black Board   |
| 2.5                | reasons for poor human capital formation in India    | 2               | Chalk & Talk            | Black Board   |

| UNIT – III [12 Hrs] |  |   |              |             |
|---------------------|--|---|--------------|-------------|
| 3.1                 | Privatization and ways of privatization.               | 2 | Chalk & Talk | Black Board |
| 3.2                 | privatization and disinvestment process in India       | 2 | Chalk & Talk | Black Board |
| 3.3                 | liberalization   | 2 | Chalk & Talk | Black Board |
| 3.4                 | meaning of globalization                               | 2 | Chalk & Talk | Black Board |
| 3.5                 | advantages and disadvantages of globalization          | 2 | Chalk & Talk | Black Board |
| 3.6                 | reforms made to adopt liberalization and globalization | 2 | Chalk & Talk | Black Board |
| UNIT – IV [12 Hrs]  |  |   |              |             |
| 4.1                 | Meaning of parallel economy                            | 2 | Chalk & Talk | Black Board |
| 4.2                 | impact of black money                                  | 2 | Chalk & Talk | Black Board |
| 4.3                 | factors responsible for the generation of black money  | 3 | Chalk & Talk | Black Board |
| 4.4                 | causes for corruption in India                         | 3 | Chalk & Talk | Black Board |
| 4.5                 | measures undertaken to unearth black money in India    | 2 | Chalk & Talk | Black Board |
| UNIT – V [12 Hrs]   |  |   |              |             |
| 5.1                 | Regional Development                                   | 2 | Chalk & Talk | Black Board |
| 5.2                 | main reasons for regional development disparities      | 2 | Chalk & Talk | Black Board |
| 5.3                 | problems of balanced regional development              | 2 | Chalk & Talk | Black Board |
| 5.4                 | steps taken to reduce disparities                      | 2 | Chalk & Talk | Black Board |
| 5.5                 | characteristics of backward areas                      | 2 | Chalk & Talk | Black Board |
| 5.6                 | problems of regional planning                          | 2 | Chalk & Talk | Black Board |

**MAPPING OF COs WITH POs**

|            | PO1 | PO2 | PO3 | PO4 | PO5 |
|------------|-----|-----|-----|-----|-----|
| <b>CO1</b> | 1   | 2   | 3   | 2   | 1   |
| <b>CO2</b> | 2   | 3   | 1   | 2   | 3   |
| <b>CO3</b> | 3   | 1   | 2   | 3   | 2   |
| <b>CO4</b> | 2   | 3   | 3   | 1   | 2   |
| <b>CO5</b> | 3   | 2   | 1   | 1   | 1   |

3 - Strong      2 - Medium      1- Low

**COURSE DESIGNER:** Staff Members, Department of Economics

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**Elective II-Major**

**LABOUR ECONOMICS**  
**SEMESTER VI**

**Code: 211503604**

**6 Hrs/Week**

**Credits 5**

**Preamble:**

*To train the students and create an awareness about the labourism in India.*

**COURSE OUTCOMES (COs)**

On Successful completion of the course, the student will be able to

| No.        | Course Outcome                               | Knowledge Level (According to Bloom's Taxonomy) |
|------------|--|---|
| <b>CO1</b> | Meaning of labour and absenteeism            | Up to K3  |
| <b>CO2</b> | Impact of labour turnover and remedies       | Up to K3  |
| <b>CO3</b> | Industrial dispute and collective bargaining | Up to K3  |
| <b>CO4</b> | Role of trade union in industrial sector     | Up to K3  |
| <b>CO5</b> | Social security measures                     | Up to K3  |

K1- Knowledge K2 – Understand K3-Apply

UNIT – I: **[18 Hrs]**

Labour – Meaning – Characteristics of labour – Absenteeism – causes – Measures to reduce absenteeism.

UNIT – II: **[18 Hrs]**

Labour turnover – Effects of labour turnover – Causes of Labour turnover – Methods to reduce labour turnover.

UNIT – III: **[18 Hrs]**

Industrial disputes – Meaning – Forms - Causes for industrial disputes effects of industrial disputes –Meaning of collective bargaining – Characteristics – Objectives.

UNIT – IV: **[18 Hrs]**

Wages – Real Wages and Nominal Wage – Factors affecting real wages – Causes for wage difference.

Trade union – Meaning – Objectives – Functions of trade union – Factors affecting the growth of trade union.

UNIT – V: **[18 Hrs]**

Social security – meaning – characteristic of social assistance – social importance – benefits provided under social security – social security measures in India.

**TEXT BOOK:**

1. Tyagi B.P., Labour Economics and Social Welfare, Jain Prakash Nath & Company, Meerut.

**REFERENCE:**

1. Tyagi B.P., Labour Problems in India, S.Chand & Company, New Delhi.

**PEDAGOGY:** Chalk & Talk, Lecture

**COURSE CONTENTS & TEACHING / LEARNING SCHEDULE**

| Module No.          | Topic                                  | No. of Lectures | Content Delivery Method | Teaching Aids |
|---------------------|--|-----------------|-------------------------|---------------|
| UNIT – I [18 Hrs]   |  |                 |                         |               |
| 1.1                 | Labour Meaning                         | 4               | Chalk & Talk            | Black Board   |
| 1.2                 | Characteristics of labour              | 5               | Chalk & Talk            | Black Board   |
| 1.3                 | Absenteeism – causes                   | 4               | Chalk & Talk            | Black Board   |
| 1.4                 | Measures to reduce absenteeism.        | 5               | Chalk & Talk            | Black Board   |
| UNIT – II [18 Hrs]  |  |                 |                         |               |
| 2.1                 | Labour turnover                        | 4               | Chalk & Talk            | Black Board   |
| 2.2                 | Effects of labour turnover             | 4               | Chalk & Talk            | Black Board   |
| 2.3                 | Causes of Labour turnover              | 5               | Chalk & Talk            | Black Board   |
| 2.4                 | Methods to reduce labour turnover.     | 5               | Chalk & Talk            | Black Board   |
| UNIT – III [18 Hrs] |  |                 |                         |               |
| 3.1                 | Industrial disputes meaning            | 3               | Chalk & Talk            | Black Board   |
| 3.2                 | Forms , Causes for industrial disputes | 3               | Chalk & Talk            | Black Board   |
| 3.3                 | effects of industrial disputes         | 3               | Chalk & Talk            | Black Board   |
| 3.4                 | Meaning of collective bargaining       | 3               | Chalk & Talk            | Black Board   |
| 3.5                 | Characteristics                        | 3               | Chalk & Talk            | Black Board   |
| 3.6                 | Objectives                             | 3               | Chalk & Talk            | Black Board   |
| UNIT – IV [18 Hrs]  |  |                 |                         |               |
| 4.1                 | Wages                                  | 1               | Chalk & Talk            | Black Board   |

|                          |  |   |              |             |
|--------------------------|--|---|--------------|-------------|
| 4.2                      | Real Wages and Nominal Wage                  | 3 | Chalk & Talk | Black Board |
| 4.3                      | Factors affecting real wages                 | 2 | Chalk & Talk | Black Board |
| 4.4                      | Causes for wage difference.                  | 3 | Chalk & Talk | Black Board |
| 4.5                      | Trade union – Meaning                        | 2 | Chalk & Talk | Black Board |
| 4.6                      | Objectives                                   | 2 | Chalk & Talk | Black Board |
| 4.7                      | Functions of trade union                     | 2 | Chalk & Talk | Black Board |
| 4.8                      | Factors affecting the growth of trade union. | 3 | Chalk & Talk | Black Board |
| <b>UNIT – V [18 Hrs]</b> |  |   |              |             |
| 5.1                      | Social security                              | 2 | Chalk & Talk | Black Board |
| 5.2                      | meaning                                      | 2 | Chalk & Talk | Black Board |
| 5.3                      | characteristic of social assistance          | 4 | Chalk & Talk | Black Board |
| 5.4                      | social importance                            | 2 | Chalk & Talk | Black Board |
| 5.5                      | benefits provided under social security      | 4 | Chalk & Talk | Black Board |
| 5.6                      | social security measures in India.           | 4 | Chalk & Talk | Black Board |

**MAPPING OF COs WITH POs**

|            | <b>PO1</b> | <b>PO2</b> | <b>PO3</b> | <b>PO4</b> | <b>PO5</b> |
|------------|------------|------------|------------|------------|------------|
| <b>CO1</b> | 2          | 3          | 1          | 2          | 3          |
| <b>CO2</b> | 2          | 3          | 3          | 3          | 2          |
| <b>CO3</b> | 1          | 2          | 2          | 1          | 1          |
| <b>CO4</b> | 3          | 1          | 2          | 2          | 3          |
| <b>CO5</b> | 2          | 3          | 1          | 2          | 3          |

3 - Strong      2 - Medium      1- Low

**COURSE DESIGNER:** Staff Members, Department of Economics

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**Elective II-Major**

**RURAL ECONOMICS  
SEMESTER VI**

**Code: 211503605  
6 Hrs/Week  
Credits 5**

**Preamble:**

✍ *To have an adequate knowledge about the rural economy*

**COURSE OUTCOMES (COs)**

On Successful completion of the course, the student will be able to

| <b>No.</b> | <b>Course Outcome</b>                   | <b>Knowledge Level<br/>(According to<br/>Bloom's Taxonomy)</b> |
|------------|---|--|
| <b>CO1</b> | Structure and features of rural economy | Up to K3   |
| <b>CO2</b> | Factors influencing the crop pattern    | Up to K3   |
| <b>CO3</b> | Problems in the agricultural sector     | Up to K3   |
| <b>CO4</b> | Role of cottage industries              | Up to K3   |
| <b>CO5</b> | Rural indebtedness                      | Up to K3   |

K1- Knowledge K2 – Understand K3-Apply

**UNIT – I:**

**[18 Hrs]**

Rural Economics – Nature – need – scope – structure and features of Rural Economy.

**UNIT – II:**

**[18 Hrs]**

Factors influencing crop pattern – role of agriculture in economic development – distinction between agriculture and industry – contribution of agriculture to India's economic development.

UNIT – III: **[18 Hrs]**

Agricultural problems – causes for sub-division and fragmentation – causes for low productivity in agricultural sector.

UNIT – IV: **[18 Hrs]**

Main features of cottage industries – classification of cottage industries – importance of village industries – role of cottage and small scale industries – problem of small scale and cottage industries.

UNIT – V: **[18 Hrs]**

Rural indebtedness – causes of rural indebtedness – consequences of Rural indebtedness – measures to remove rural indebtedness – Regional rural Bankers – National Bank for Rural Development.

**TEXT BOOK:**

01.Sankaran S., Rural Economics, Margham Publications, Chennai.

**REFERENCES:**

01.Desai.S.S., Rural Economy, Margham Publications, Chennai

**COURSE CONTENTS & TEACHING / LEARNING SCHEDULE**

| Module No. | Topic  | No. of Lectures | Content Delivery Method | Teaching Aids |
|------------|--|-----------------|-------------------------|---------------|
| UNIT – I   |  | [18 Hrs]        |                         |               |
| 1.1        | Rural Economics  | 4               | Chalk & Talk            | Black Board   |
| 1.2        | Nature, Need   | 4               | Chalk & Talk            | Black Board   |
| 1.3        | scope  | 5               | Chalk & Talk            | Black Board   |
| 1.4        | structure and features of Rural Economy.                     | 5               | Chalk & Talk            | Black Board   |
| UNIT – II  |  | [18 Hrs]        |                         |               |
| 2.1        | Factors influencing crop pattern                             | 4               | Chalk & Talk            | Black Board   |
| 2.2        | role of agriculture in economic development-                 | 5               | Chalk & Talk            | Black Board   |
| 2.3        | distinction between agriculture and industry                 | 5               | Chalk & Talk            | Black Board   |
| 2.4        | contribution of agriculture to India's economic development. | 4               | Chalk & Talk            | Black Board   |
| UNIT – III |  | [18 Hrs]        |                         |               |
| 3.1        | Agricultural problems  | 5               | Chalk & Talk            | Black Board   |
| 3.2        | causes for sub   | 5               | Chalk & Talk            | Black Board   |
| 3.3        | division and fragmentation                                   | 4               | Chalk & Talk            | Black Board   |
| 3.4        | causes for low productivity in agricultural sector           | 4               | Chalk & Talk            | Black Board   |
| UNIT – IV  |  | [18 Hrs]        |                         |               |
| 4.1        | Main features of cottage industries                          | 5               | Chalk & Talk            | Black Board   |
| 4.2        | classification of cottage industries                         | 5               | Chalk & Talk            | Black Board   |
| 4.3        | importance of village industries                             | 3               | Chalk & Talk            | Black Board   |
| 4.4        | role of cottage and small scale industries                   | 3               | Chalk & Talk            | Black Board   |
| 4.5        | problem of small scale and cottage industries                | 2               | Chalk & Talk            | Black Board   |
| UNIT – V   |  | [18 Hrs]        |                         |               |
| 5.1        | Rural indebtedness   | 3               | Chalk & Talk            | Black Board   |
| 5.2        | causes of rural indebtedness                                 | 3               | Chalk & Talk            | Black Board   |

|     |                                       |   |              |             |
|-----|---------------------------------------|---|--------------|-------------|
| 5.3 | consequences of Rural indebtedness    | 3 | Chalk & Talk | Black Board |
| 5.4 | measures to remove rural indebtedness | 3 | Chalk & Talk | Black Board |
| 5.5 | Regional rural Bankers                | 3 | Chalk & Talk | Black Board |
| 5.6 | National Bank for Rural Development.  | 3 | Chalk & Talk | Black Board |

**MAPPING OF COs WITH POs**

|     | PO1 | PO2 | PO3 | PO4 | PO5 |
|-----|-----|-----|-----|-----|-----|
| CO1 | 2   | 3   | 1   | 2   | 1   |
| CO2 | 3   | 2   | 2   | 3   | 2   |
| CO3 | 1   | 1   | 3   | 1   | 3   |
| CO4 | 2   | 3   | 1   | 2   | 2   |
| CO5 | 3   | 2   | 2   | 3   | 1   |

3 - Strong      2 - Medium      1- Low

**COURSE DESIGNER:** Staff Members, Department of Economics

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**Elective III-Major**

**ENTREPRENEURSHIP DEVELOPMENT  
SEMESTER VI**

**Code: 211503606**

**6 Hrs/Week**

**Credits 5**

**Preamble:**

*To create an idea about the entrepreneurship and create an awareness about starting a small scale industry.*

**COURSE OUTCOMES (COs)**

On Successful completion of the course, the student will be able to

| No. | Course Outcome   | Knowledge Level<br>(According to<br>Bloom's Taxonomy) |
|-----|--|---|
| CO1 | understand the knowledge about entrepreneurship Computer               | Up to K3  |
| CO2 | identify the various programme for entrepreneurs for women empowerment | Up to K3  |
| CO3 | understand the types of computer and problems                          | Up to K3  |
| CO4 | know the various types of memory                                       | Up to K3  |
| CO5 | get an idea for finance through the industrial bank                    | Up to K3  |

K1- Knowledge K2 – Understand K3-Apply

UNIT – I:

**[18 Hrs]**

Entrepreneur – definition – characteristics of an entrepreneur – functions of entrepreneur – entrepreneur Vs manager – types of entrepreneurs - characteristics of an intrapreneur – entrepreneur Vs intrapreneur

UNIT – II:

**[18 Hrs]**

Entrepreneurship Development Programmes – objectives - concept of women entrepreneurs - types of women entrepreneurs – problems of women entrepreneurs – suggestions to overcome the problems of women entrepreneurs.

UNIT – III: **[18 Hrs]**

Motivating factors to become an entrepreneur – Entrepreneurial competencies – hard skill – soft skill – entrepreneur and Economic development – Factors affecting Entrepreneurship growth.

UNIT – IV: **[18 Hrs]**

Project Report - Meaning - Components of Project Report - Contents - Importance - Reasons for failure of project report - Model Project Report.

UNIT – V: **[18 Hrs]**

Institutional support to entrepreneurs – State Industrial Development Corporation (SIDCO) – Industrial and Technical Consultancy Organisation of Tamilnadu (ITCOT) – Tamilnadu Industrial Investment Corporation (TIIC) - District industries centre.

**TEXT BOOK:**

01. Gordon E., and Natarajan K., Entrepreneurship Development, Himalaya Publishing House, Mumbai.

**REFERENCES:**

1. Khanka S.S., Entrepreneurial Development, S.Chand and Co, New Delhi.
2. Vasant Desai, Dynamics of Entrepreneurship Development, Himalaya Publishers House, Mumbai.

**PEDAGOGY:** Chalk & Talk, Lecture

**COURSE CONTENTS & TEACHING / LEARNING SCHEDULE**

| Module No.          | Topic  | No. of Lectures | Content Delivery Method | Teaching Aids |
|---------------------|--|-----------------|-------------------------|---------------|
| UNIT – I [18 Hrs]   |  |                 |                         |               |
| 1.1                 | Entrepreneur – definition – characteristics of an entrepreneur | 3               | Chalk & Talk            | Black board   |
| 1.2                 | Functions of entrepreneur                                      | 3               | Chalk & Talk            | Black board   |
| 1.3                 | Entrepreneur Vs manager  | 3               | Chalk & Talk            | Black board   |
| 1.4                 | Types of entrepreneurs   | 3               | Chalk & Talk            | Black board   |
| 1.5                 | characteristics of an Intrapreneur                             | 3               | Chalk & Talk            | Black board   |
| 1.6                 | Entrepreneur Vs Intrapreneur                                   | 3               | Chalk & Talk            | Black board   |
| UNIT – II [18 Hrs]  |  |                 |                         |               |
| 2.1                 | Entrepreneurship Development Programmes – objectives --        | 4               | Chalk & Talk            | Black board   |
| 2.2                 | concept of women entrepreneurs -                               | 3               | Discussion              | LCD Projector |
| 2.3                 | types of women entrepreneurs                                   | 3               |                         |               |
| 2.4                 | problems of women entrepreneurs.                               | 4               | Discussion              | LCD Projector |
| 2.5                 | suggestions to overcome the problems of women entrepreneurs.   | 4               | Chalk & Talk            | Black board   |
| UNIT – III [18 Hrs] |  |                 |                         |               |
| 3.1                 | Motivating factors to become an entrepreneur                   | 4               | Chalk & Talk            | Black board   |
| 3.2                 | Entrepreneurial competencies                                   | 3               | Chalk & Talk            | Black board   |
| 3.3                 | hard skill – soft skill  | 3               | Chalk & Talk            | Black board   |
| 3.4                 | entrepreneur and Economic development                          | 4               | Chalk & Talk            | Black board   |

|                    |   |   |              |               |
|--------------------|---|---|--------------|---------------|
| 3.5                | Factors affecting Entrepreneurship growth   | 4 | Discussion   | LCD Projector |
| UNIT – IV [18 Hrs] |   |   |              |               |
| 4.1                | Project Report – Meaning-Components of Project Report   | 4 | Chalk & Talk | Black board   |
| 4.2                | Contents  | 3 | Chalk & Talk | Black board   |
| 4.3                | Importance  | 3 | Chalk & Talk | Black board   |
| 4.4                | Reasons for failure of project report   | 4 | Chalk & Talk | Black board   |
| 4.5                | Model Project Report  | 4 | Discussion   | LCD Projector |
| UNIT – V [18 Hrs]  |   |   |              |               |
| 5.1                | Institutional support to entrepreneurs – State Industrial Development Corporation (SIDCO) - District industries centre. | 5 | Chalk & Talk | Black board   |
| 5.2                | Industrial and Technical Consultancy Organisation of Tamilnadu (ITCOT)  | 4 | Chalk & Talk | Black board   |
| 5.3                | Tamilnadu Industrial Investment Corporation (TIIC)  | 5 | Discussion   | LCD Projector |
| 5.4                | District Industries Centre (DIC)  | 4 | Discussion   | LCD Projector |

**MAPPING OF COs WITH POs**

|            | PO1 | PO2 | PO3 | PO4 | PO5 |
|------------|-----|-----|-----|-----|-----|
| <b>CO1</b> | 2   | 3   | 2   | 1   | 3   |
| <b>CO2</b> | 1   | 2   | 1   | 2   | 2   |
| <b>CO3</b> | 3   | 2   | 1   | 1   | 3   |
| <b>CO4</b> | 2   | 1   | 3   | 2   | 1   |
| <b>CO5</b> | 2   | 1   | 3   | 3   | 3   |

3 - Strong      2 - Medium      1- Low

**COURSE DESIGNER:** Staff Members, Department of Economics

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**Elective III-Major**

**URBAN ECONOMICS  
SEMESTER VI**

**Code: 211503607  
6 Hrs/Week  
Credits 5**

**Preamble:**

*☞ To know the economics of cities especially in housing, transports, firms, quality of amenities and planning by local governments.*

**COURSE OUTCOMES (COs)**

On Successful completion of the course, the student will be able to

| No.        | Course Outcome                             | Knowledge Level (According to Bloom's Taxonomy) |
|------------|--|---|
| <b>CO1</b> | Nature and scope of urban economics        | Up to K3  |
| <b>CO2</b> | Importance of infrastructure               | Up to K3  |
| <b>CO3</b> | Facilities in the urban areas              | Up to K3  |
| <b>CO4</b> | Important effects of migration             | Up to K3  |
| <b>CO5</b> | Policies and programs of urban development | Up to K3  |

K1- Knowledge K2 – Understand K3-Apply



UNIT – I: **[18 Hrs]**

Definition of urban India - Nature and scope of Urban Economics - Urban structure and urban growth. Urbanisation - causes of urbanisation - problems related to urbanisation.

UNIT – II: **[18 Hrs]**

Infrastructure – recent measures to develop infrastructure – ensure – classification – communication – postal – VSAT network – Telecommunication.

UNIT – III: **[18 Hrs]**

Urban facilities – Transport – Railway-Shipway- airway- advantages Slumps, Housing and Urban Renewal - Urban water supply and public health – medical facilities and family welfare - Urban financial problem.

UNIT – IV: **[18 Hrs]**

Theories of Rural Urban Migration – cause of Factors affecting migration - Economics Factors - Push and pull factor - Social and other factors.

UNIT - V : **[18 Hrs]**

Policies and programmes for Urban development – Infrastructural facilities in the policy – Investment promotions Measures to control urban growth - Integrated development of Small and medium towns.

**TEXT BOOK:**

01.S. Sankaran “Indian Economy” Margham Publications, Chennai, 2010.

**REFERENCES:**

01. Briance A and Ravinder Singh, (edited) (1995) ,Housing the Urban Poor, Policy and Practice in Developing Countries, (Sage Publications, New Delhi).
02. Fred Durr (1971),The Urban Economy (London, Index Educational Publishers).
03. Harris Tondon (1973), Introduction to Urban Economic Analysis and Policy 9New York).
04. LolydRdowin and Assocaites (1969), Planning Urban growth and Regional Development (London :M.T.Press). 5. Mark Garrett, (1996), Transportation Planning (Sage Publications, New Delhi)

**COURSE CONTENTS & TEACHING / LEARNING SCHEDULE**

| Module No.         | Topic                                     | No. of Lectures | Content Delivery Method | Teaching Aids |
|--------------------|---|-----------------|-------------------------|---------------|
| UNIT – I [18 Hrs]  |   |                 |                         |               |
| 1.1                | Definition of urban India                 | 3               | Chalk & Talk            | Black Board   |
| 1.2                | Nature and scope of Urban Economics       | 4               | Chalk & Talk            | Black Board   |
| 1.3                | Urban structure and urban growth.         | 4               | Chalk & Talk            | Black Board   |
| 1.4                | causes of urbanisation                    | 3               | Chalk & Talk            | Black Board   |
| 1.5                | problems related to urbanisation.         | 4               | Chalk & Talk            | Black Board   |
| UNIT – II [18 Hrs] |   |                 |                         |               |
| 2.1                | Infrastructure                            | 3               | Chalk & Talk            | Black Board   |
| 2.2                | recent measures to develop infrastructure | 5               | Chalk & Talk            | Black Board   |
| 2.3                | classification                            | 2               | Chalk & Talk            | Black Board   |

|                     |   |   |              |             |
|---------------------|---|---|--------------|-------------|
| 2.4                 | communication , postal                                    | 4 | Chalk & Talk | Black Board |
| 2.5                 | VSAT network,<br>Telecommunication                        | 4 | Chalk & Talk | Black Board |
| UNIT – III [18 Hrs] |   |   |              |             |
| 3.1                 | Urban facilities  | 2 | Chalk & Talk | Black Board |
| 3.2                 | Transport – Railway, Shipway,<br>airway                   | 3 | Chalk & Talk | Black Board |
| 3.3                 | advantages Slumps, Housing and<br>Urban Renewal           | 4 | Chalk & Talk | Black Board |
| 3.4                 | Urban water supply and public<br>health                   | 3 | Chalk & Talk | Black Board |
| 3.5                 | medical facilities and family<br>welfare                  | 4 | Chalk & Talk | Black Board |
| 3.6                 | Urban financial problem                                   | 2 | Chalk & Talk | Black Board |
| UNIT – IV [18 Hrs]  |   |   |              |             |
| 4.1                 | Theories of Rural Urban Migration                         | 3 | Chalk & Talk | Black Board |
| 4.2                 | cause of Factors affecting<br>migration                   | 4 | Chalk & Talk | Black Board |
| 4.3                 | Economics Factors   | 4 | Chalk & Talk | Black Board |
| 4.4                 | Push and pull factor                                      | 3 | Chalk & Talk | Black Board |
| 4.5                 | Social and other factors.                                 | 4 | Chalk & Talk | Black Board |
| UNIT – V [18 Hrs]   |   |   |              |             |
| 5.1                 | Policies and programmes for<br>Urban development          | 4 | Chalk & Talk | Black Board |
| 5.2                 | Infrastructural facilities in the<br>policy               | 4 | Chalk & Talk | Black Board |
| 5.3                 | Investment promotions Measures<br>to control urban growth | 5 | Chalk & Talk | Black Board |
| 5.4                 | Integrated development of Small<br>and medium towns.      | 5 | Chalk & Talk | Black Board |

**MAPPING OF COs WITH POs**

|            | PO1 | PO2 | PO3 | PO4 | PO5 |
|------------|-----|-----|-----|-----|-----|
| <b>CO1</b> | 3   | 2   | 1   | 2   | 3   |
| <b>CO2</b> | 1   | 3   | 2   | 3   | 2   |
| <b>CO3</b> | 2   | 1   | 3   | 1   | 1   |
| <b>CO4</b> | 3   | 2   | 1   | 2   | 3   |
| <b>CO5</b> | 2   | 3   | 2   | 3   | 2   |

3 - Strong      2 - Medium      1- Low

**COURSE DESIGNER:** Staff Members, Department of Economics

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**Part – IV**

**ECONOMICS OF INFRASTRUCTURE**

**Code: 214403615**

**Skill Based Elective–VI-Major**

**SEMESTER VI**

**2 Hrs/Week**

**Credits 2**

**Preamble:**

*☞ To familiarize students on the role and importance of economic and social over heads in the overall economic development of the country.*

**COURSE OUTCOMES (COs)**

On Successful completion of the course, the student will be able to

| No.        | Course Outcome  | Knowledge Level<br>(According to<br>Bloom's Taxonomy) |
|------------|---|---|
| <b>CO1</b> | Understand the role and importance of Infrastructure.     | Up to K3  |
| <b>CO2</b> | Analyzing the Birdseye view on various types of transport | Up to K3  |
| <b>CO3</b> | Enriching the knowledge of energy sources and policies    | Up to K3  |

|            |   |          |
|------------|---|----------|
| <b>CO4</b> | Highlights the education and healthcare system in global to nation view.          | Up to K3 |
| <b>CO5</b> | Acquiring the knowledge on information and communication technology of a country. | Up to K3 |

K1- Knowledge K2 – Understand K3-Apply

**UNIT – I: Introduction: [6 Hrs]**

Meaning – Importance of infrastructure – Type – Infrastructure as a public good – social and physical infrastructure – Role of infrastructure and economic development.

**UNIT – II: Transport Services: [6 Hrs]**

Road – Rail – Air and water transport – Port and Airports – Problems of transport sector – Transport services and economic development.

**UNIT – III: Energy Sector: [6 Hrs]**

Energy is economic development – Factors determining demand for energy – energy conservation – sources of energy – Energy crisis in India.

**UNIT – IV: Education and Healthcare Services: [6 Hrs]**

Role of education and economic development – Education systems – characteristics – problems – Meaning and types of healthcare services – Determinants of health status.

**UNIT – V: Information and Communication Technology [6 Hrs]**

Significance of postal and Telephone services – Growth and problems of postal services – Computer – Internet Connectivity and services – Communication and Economic Development.

**TEXT BOOKS:**

- 01.Dutt and Sundaram,2016, 'Indian Economy', Himalaya Publishing House, New Delhi.
- 02.Misra and Puri,2013, Indian Economy, Himalaya Publishing Co., Mumbai.
- 03.Pillai R.S.N., Bagavathi, Modern Marketing – Principles and Practices, S.Chand Company, New Delhi.

**REFERENCES:**

- 01.Parikh,R.K.,2012,Edition, India Infrastructure Report, 2012, Oxford University press, New Delhi.
- 02.ICSSR 2006, Economics of Infrastructure, Vol.VI, New Delhi.
- 03.National council of Applied Economic Research(NCAER),2016, India Infrastructure Report, Policy Implications for growth and Welfare, NCAER, New Delhi.
- 04.Mc Mohan.W,1999, Education and Development:Measuring the Social Benefits, Oxford University press, Oxford.
- 05.L.N.Dash,2015 'Economics of Infrastructure:Growth and Development' Regal Publications, New Delhi.
- 06.Anand and Shikha Goel,2010 Health Economics, AITBS, Publishers New Delhi.

**COURSE CONTENTS & TEACHING / LEARNING SCHEDULE**

| Module No.         | Topic   | No. of Lectures | Content Delivery Method | Teaching Aids |
|--------------------|---|-----------------|-------------------------|---------------|
| UNIT – I [6 Hrs]   |   |                 |                         |               |
| 1.1                | Meaning and Importance of infrastructure            | 1               | Chalk & Talk            | Black Board   |
| 1.2                | Type – Infrastructure as a public good              | 2               | Chalk & Talk            | Black Board   |
| 1.3                | social and physical infrastructure                  | 1               | Chalk & Talk            | Black Board   |
| 1.4                | Role of infrastructure and economic development.    | 2               | Chalk & Talk            | Black Board   |
| UNIT – II [6 Hrs]  |   |                 |                         |               |
| 2.1                | Road , Rail, Air and water transport                | 2               | Chalk & Talk            | Black Board   |
| 2.2                | Port and Airports                                   | 1               | Chalk & Talk            | Black Board   |
| 2.3                | Problems of transport sector                        | 1               | Chalk & Talk            | Black Board   |
| 2.4                | Transport services and economic development         | 2               | Chalk & Talk            | Black Board   |
| UNIT – III [6 Hrs] |   |                 |                         |               |
| 3.1                | Energy is economic development                      | 1               | Chalk & Talk            | Black Board   |
| 3.2                | Factors determining demand for energy               | 2               | Chalk & Talk            | Black Board   |
| 3.3                | energy conservation                                 | 1               | Chalk & Talk            | Black Board   |
| 3.4                | sources of energy                                   | 1               | Chalk & Talk            | Black Board   |
| 3.5                | Energy crisis in India.                             | 1               | Chalk & Talk            | Black Board   |
| UNIT – IV [6 Hrs]  |   |                 |                         |               |
| 4.1                | Role of education and economic development          | 1               | Chalk & Talk            | Black Board   |
| 4.2                | Education systems , characteristics                 | 2               | Chalk & Talk            | Black Board   |
| 4.3                | problems , Meaning and types of healthcare services | 2               | Chalk & Talk            | Black Board   |
| 4.4                | Determinants of health status.                      | 1               | Chalk & Talk            | Black Board   |
| UNIT – V [6 Hrs]   |   |                 |                         |               |
| 5.1                | Significance of postal and Telephone services       | 1               | Chalk & Talk            | Black Board   |
| 5.2                | Growth and problems of postal services              | 1               | Chalk & Talk            | Black Board   |
| 5.3                | Computer , Internet Connectivity and services       | 2               | Chalk & Talk            | Black Board   |
| 5.4                | Communication and Economic Development.             | 2               | Chalk & Talk            | Black Board   |

**MAPPING OF COs WITH POs**

|            | PO1 | PO2 | PO3 | PO4 | PO5 |
|------------|-----|-----|-----|-----|-----|
| <b>CO1</b> | 1   | 3   | 2   | 2   | 3   |
| <b>CO2</b> | 3   | 2   | 1   | 2   | 3   |
| <b>CO3</b> | 2   | 3   | 1   | 2   | 3   |
| <b>CO4</b> | 2   | 3   | 1   | 2   | 3   |
| <b>CO5</b> | 3   | 3   | 3   | 2   | 1   |

3 - Strong      2 - Medium      1- Low

**COURSE DESIGNER:** Staff Members, Department of Economics

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