

# BAGALKOT UNIVERSITY JAMKHANDI

PROGRAM /COURSE STRUCTURE AND SYLLABUS as per the Choice Based Credit System (CBCS) designed in accordance with

Learning Outcomes-Based Curriculum Framework (LOCF)

For

# BACHELOR OF ARTS WITH ECONOMICS III SEMESTER

w.e.f. Adapted from Rani Channamma University Belagavi Applicable from the

Academic Year 2024-25 and onwards

### **PREAMBLE**

Education empowers Mankind. A holistic education paradigm will effectively focus on developing knowledge, employable skill sets, appropriate attitudes and an overall personality. NEP is focused towards imparting such an education system.

India's first education policy of the 21st century is 'National Education Policy 2020' proposes the revision and revamping of all aspects of the education structure, including its regulation and governance. It seeks to create a new system that is aligned with the developmental aspirations & goals of 21st century education, including SDG4, while building upon India's traditions and value systems.

NEP aims for India to have an education system by 2040 that is second to none, with equitable access to the highest-quality education for all learners regardless of social or economic background and seeks to "ensure inclusive and equitable quality education and promote lifelong learning opportunities for all" by 2030." Vision of the National Education Policy 2020

- ✓ An education system that contributes to an equitable and vibrant knowledge society, by providing high-quality education to all.
- ✓ Develops a deep sense of respect towards the fundamental rights, duties and Constitutional values, bonding with one's country, and a conscious awareness of one's role and responsibilities in a changing world.
- ✓ Instils skills, values, and dispositions that support responsible commitment to human rights, sustainable development and living, and global well-being, thereby reflecting a truly global citizen.

As India is enjoying the demographic dividend, which will last till 2055 and to reap the benefits, a good education policy was the need of the hour. Hence there is lot of hopes on the NEP, which has come as cure the edu-ailments and to plug the shortcomings of the education system which marred for 36 years and strengthen our education system. Expectations on NEP is high. As every good policy success lies in the implementation and active participation of

its stake holders, so is the NEP. The success or failure of NEP lies in all our hands. Hence Let all of us join our hands in making the NEP successful.

As enshrined in the National Education Policy-2020 vision of introducing course curriculum for undergraduate studies under Choice Based Credit System (CBCS), the main objective of framing this curriculum of BA/B.Sc. (Basic/Hons) in Economics is to impart the students a holistic understanding of the subject giving substantial weightage to the core contents, skill, value-based and ability enhancement. The syllabus has given due importance on the main streams of the body of knowledge on Economics" with due recognition of its wide spectrum. The ultimate goal of the syllabus is to enable the students to have an in- depth knowledge on the subject and enhance their scope of employment at every level of exit. Adequate emphasis has been given on the new and emerging techniques and understanding of the subject under the changing regime and global context.

There is a need to strengthen the students to understand essential aspects of economics in diverse subject areas not only in social sciences, but also among other natural and physical sciences. The curriculum lays focus on creating new knowledge, acquiring new skills and capabilities in Economics producing an intelligent human resource serving the Economy and society

### **PROGRAM OUTCOMES**

### The Programme outcomes (POs) are expected to be as under:

- > Students will be able to understand economic vocabulary, methodologies, tools and analysis procedures.
- > Students will be familiar with the knowledge and application of micro economics for the formulation of policies and planning.
- > Students will learn to apply economic theories and concepts to contemporary socialissues, as well as analysis of policies.
- > Students will be able to understand the impact of government policies and will be able to assess the consequences of the policies on the parties involved.
- As the programme along with economics contains like statistics, mathematics, it enhances them to compute and assess the real situation of the economy including the size and changes of population, income pattern, and rate of development with pattern ofsavings and investments and social security measures adopted in the country.
- > Understand the basics of Quantitative techniques their applications
- Critically evaluate the ongoing economic developments in India and abroad
- Understand research methods in economics
- Student develops an awareness of career choices and the option for higher studies.

#### CONTINUOUS INTERNAL EVALUATION AND SEMESTER ENDEXAMINATION

Total marks for each course shall be based on continuous assessments and term end examinations. As per the decision of the Karnataka State Higher Education Council, it isnecessary to have uniform pattern of 40: 60 for CIA and Semester End examinations respectively, among all the Universities, their affiliated and autonomous colleges.

The committee deliberated on the same and suggested the following pattern for the CIEMarks.

| Sl.No.                               | Parameters for the Evaluation         | Marks     |  |  |  |  |  |
|--------------------------------------|---------------------------------------|-----------|--|--|--|--|--|
| Continuous Internal Evaluation (CIE) |                                       |           |  |  |  |  |  |
| A                                    | Continuous & Comprehensive Evaluation | 20 Marks  |  |  |  |  |  |
|                                      | (CCE)                                 |           |  |  |  |  |  |
| В                                    | Internal Assessment Tests (IAT)       | 20 Marks  |  |  |  |  |  |
|                                      | Total of CIE (A+B)                    | 40 Marks  |  |  |  |  |  |
| С                                    | Semester End Examination (SEE)        | 60 Marks  |  |  |  |  |  |
|                                      | Total of CIE and SEE (A + B + C)      | 100 Marks |  |  |  |  |  |

### Evaluation process of IA marks may be as follows:

- The first component (C1), of assessment is for 20 marks. This shall be based on test, assignment, seminar, case study, field work, project work etc. This assessment and score process should be completed after completing 50% of syllabus of the course/s and within the first half of the semester.
- The second component (C2), of assessment is for 20 marks. This shall be based on test, assignment, seminar, case study, field work, internship / industrial practicum / project work etc. This assessment and score process should be based on completion of the remaining 50 percent of syllabus of the courses of the semester.
- During the 17<sup>th</sup> 20<sup>th</sup> week of the semester, a semester end examination of 3 hours duration shall be conducted by the University for each course. This forms the third and final component of assessment (C3) and the maximum marks for the final component will be 60%.
- In case of a student who has failed to attend the C1 or C2 on a scheduled date, it shallbe
  deemed that the student has dropped the test. However, in case of a student who could not
  take the test on scheduled date due to genuine reasons, such a candidate may appeal to
  the concerned teacher/ Program Coordinator / HOD and suitable decision taken
  accordingly.

 For assignments, tests, case study analysis etc., of C1 and C2, the students should bring their own answer scripts (of A4 size), graph sheets etc., required for such tests / assignments and these be stamped by the concerned department using their department seal at the time of conducting tests / assignment / work etc.

The outline for continuous assessment activities for Component-I (C1) and Component-II (C2) of a course shall be as under:

Outline for continuous assessment activities for C1 and C2

| Activities  | C1       | C2          | Total<br>Marks |
|---|----------|-------------|----------------|
| Session Test                                      | 10 marks | 10<br>marks | 20             |
| Seminars etc.                                     | 10 marks |             | 10             |
| Case study / Assignment<br>/ Field work / Project |          | 10<br>marks | 10             |
| work/ Academic                                    |          | marks       |                |
| Economics Quiz/Review of the Book/ etc            |          |             |                |
| Total   | 20 marks | 20 marks    | 40             |

### PROGRAM STRUCTURE

The following is the Program Structure for the B.A. (Hon.) Economics Program of Rani Channamma University:

| Sem. | • • • • •  | Discipline Elective(DSE)/ Open Elective (OE)   |                                   | lity Enhancement  |  | S                            | Skill Enhancement Co                         | ourses (SEC)                           | Total |
|------|--|--|-----------------------------------|---|--|------------------------------|--|--|-------|
|      | (L+T+P)  | (Credits) (L+T+P)  | -                                 | Compulsory Courses (AECC), Languages (Credits) (L+T+P)  Skill based (Credits) (L+T+P) |  | Value based (Credits) (L+T+F |  | Credits                                |       |
| ı    | DSC-1: Basic Economics –I (3)  DSC-2: Contemporary IndianEconomy (3) | OE-1: Kautilya's Arthshastra 2. Pre-reforms IndianEconomy 3. Development Studies (3)                     | L1-1(3), L2-1(3)<br>(4 hrs. each) |   | SEC-1: Digita<br>Fluency<br>(1+0+2)                      |                              | Physical Education -<br>Yoga (1) (0+0+2)     | Health & Wellness (1) (0+0+2)          | 25    |
| II   | DSC-3: Basic Economics -II (3)  DSC-4: Karnataka Economy (3)         | OE-2: 1. Contemporary Indian Economy 2. Sustainable Development 3. Economics of Business Environment (3) | L1-2(3), L2-2(3)<br>(4 hrs. each) | Environmental<br>Studies (2)  |  |                              | Physical<br>Education- Sports<br>(1) (0+0+2) | NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2) | 25    |
|      |  | Exit optio   | n with Certificate i              | in Economics (48 credi  | ts)  | l.                           |  |  |       |
| III  | DSC-5: Micro Economics (3) DSC-6: Mathematical Economics (3)         | OE-3: 1. Rural Economics 2. Economics of Insurance 3. Economics of Human Development (3)                 | L1-3(3), L2-3(3)<br>(4 hrs each)  |   | SEC-2:<br>Artificial<br>Inte-<br>Iligence (2)<br>(1+0+2) | Physi<br>Sport               | cal Education-<br>ss (1) (0+0+2)             | NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2) | 25    |
| IV   | DSC-7: Macro Economics (3)  DSC:8 Statistics for Economics (3)       | OE-4: 1. Karnataka Economy 2. Entrepreneurial Economics 3. Economics and Law 4. Economics GST (3)        | L1-4(3), L2-4(3)<br>(4 hrs each)  | Constitution of<br>India (2)  |  | Physi<br>Sport               | cal Education-<br>ss (1) (0+0+2)             | NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2) | 25    |

|     |   | Exit opti   | on with Diploma ir | n Economics (96 credits | 5)  |  |  |    |
|-----|---|---|--------------------|-------------------------|---|--|--|----|
| V   | DSC-9: Public Economics (4)  DSC-10: Development Economics (4)                                  | DSE-1: (3)  1. Agricultural Economics 2. Industrial Economics 3. Financial Economics (choose 1)  VOC-1: 1. Entrepreneurial Economics 2. Digital Economics (3)                               |                    |                         | SEC-3: SEC<br>such as<br>Cyber<br>Security (2)<br>(1+0+2) | Sports (1) (0+0+2)                       | NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)       | 22 |
| VI  | DSC-11: International Economics (4)  DSC-12: Indian Public Finance (4)                          | DSE-2  1. Labour Economics 2. Economics of Non-Farm Sector 3. Tertiary Economics (Choose 1) (3)  VOC-2:  1. Micro EntrepreneursesDevelopment 2. Project Planning &Management (Choose 1) (3) |                    |                         | SEC-4:<br>Professiona<br>Communica<br>tion (2)            | Physical Education<br>Sports (1) (0+0+2) | NCC/NSS/R&R(S&G<br>/<br>Cultural (1) (0+0+2) | 24 |
|     |   | Exit Option with E  | Bachelor of Econor | mics Degree (144 credi  | ts)   |  |  | T  |
| VII | DSC-13: Advanced Micro economics (4)  DSC-14: Financial Economics (4)  DSC-15: Econometrics (3) | DSE -3 (3)  1. Population Studies 2. Urban Economics 3. Economics of Infrastructure (Choose 1)  4. VOC-3  1. Economics of Governance 2. Gender Economics 3. Economics of Health & Education |                    |                         |   |  |  | 20 |
|     | DSC- B.A 7. 6   | (Choose 1) (3)  |                    |                         |   |  |  |    |

|      | Research Methodology for Economics (3)   |   |  |  |  |  |  |    |  |  |  |
|------|--|---|--|--|--|--|--|----|--|--|--|
| VIII | DSC-16: Economics and Data Analytics (4)   | DSE 4 (3) 1. Institutional Economics 2. International Finance 3. Co-operative Economics |  |  |  |  |  | 20 |  |  |  |
|      | DSC-17: Behavioural Economics (4)  |   |  |  |  |  |  |    |  |  |  |
|      | DSC-18: Environmental<br>Economics (3)<br>DSC- B.A 8. 5<br>Research Project<br>(6) |   |  |  |  |  |  |    |  |  |  |
|      | •  | Award of Bache  | Award of Bachelor of Economics Honours Degree (186 credits), |  |  |  |  |    |  |  |  |

# **B.A PROGRAM**

Proposed Scheme of Teaching and Evaluation for B.A (Basic/Hons) with Economics as Major

|   | Semester –III   |   |                           |  |    |     |             |         |
|---|---|---|---------------------------|--|----|-----|-------------|---------|
|   | Course<br>Code  | Title of the<br>Course  | Category<br>of<br>Courses | Teaching<br>Hours per<br>Week<br>(L+T+P) |    | CIE | Total Marks | Credits |
| 1 | 126BAB<br>03ECO<br>DSC05T   | Micro Economics   | DSC                       | 3+0+0                                    | 60 | 40  | 100         | 3       |
| 2 | 126BAB<br>03ECO<br>DSC06T   | Mathematics for<br>Economics  | DSC                       | 3+0+0                                    | 60 | 40  | 100         | 3       |
| 3 | 126BA<br>B03EC<br>OOEC0<br>7T<br>126BA<br>B03EC<br>OOEC0<br>8T<br>126BA<br>B03EC<br>OOEC0<br>9T | Rural Economics  Economics of Insurance  Economics of Human Development | OEC                       | 3+0+0                                    | 60 | 40  | 100         | 3       |
|   |   |   | Sub- To                   | <br>tal                                  |    |     |             | 09      |
|   |   | Exit optio  |                           | icate (48Credits                         | s) |     |             |         |

### PROGRAM ARTICULATION MATRIX

| Semester | Name of the<br>course-<br>Discipline<br>Specific Core<br>Course<br>(DSCC) | What all program outcomes the course addresses (not exceeding three per course)  | Pre-<br>requisite<br>course(s) | Pedagogy | Assessment  |
|----------|---|--|--------------------------------|----------|---|
| 1        | Basic<br>Economics –I   | <ol> <li>Basic economic concepts and terms.</li> <li>Operation of a market system;</li> <li>Production and cost relationships of a business firm;.</li> </ol>                  | Nil                            | Lecture  | i) Internal Assessment for<br>30 marks comprising two<br>written tests,<br>assignment/seminar, and<br>attendance; and<br>ii) Written Semester-end<br>Examination for 70 marks |
| 1        | Contemporary<br>Indian Economy  | i. Current problems of Indian Economy  ii. Recent growth of the Indian economy  iii. Impact of LPG policies on economic growth in India  | Nil                            | Lecture  | i) Internal Assessment for 30 marks comprising two written tests, assignment/seminar, and attendance; and ii) Written Semester-end Examination for 70marks                    |
| 2        | Basic<br>Economics –II  | Operation of the overall economic system;     Calculate national income     Relationship between macroeconomic aggregates;   | Nil                            | Lecture  | i) Internal Assessment for 30 marks comprising two written tests, assignment/seminar, and attendance; and ii) Written Semester-end Examination for 70marks                    |
| 2        | Karnataka<br>Economy  | <ol> <li>Economic growth and problems of Karnataka state.</li> <li>Structural growth in Karnataka economy;</li> <li>Policies &amp; Programmes of Govt. of Karnataka</li> </ol> | Nil                            | Lecture  | i) Internal Assessment for<br>30 marks comprising two<br>written tests,<br>assignment/seminar, and<br>attendance; and<br>ii) Written Semester-end<br>Examination for 70marks  |

## ASSESSMENT METHODS

| Type of Course                            | Formative Assessment / IA | Summative  |
|---|---------------------------|------------|
|   |                           | Assessment |
| Theory                                    | 40                        | 60         |
| Practical                                 | -                         | -          |
| Projects                                  | 30                        | 70         |
| Experiential Learning (Internships/Social | -                         | -          |
| Work Practicum etc.)                      |                           |            |

#### **COURSE WISE SYLLABUS**

### **Micro Economics**

| Program Name     | BA in Econo       | mics |                      | Semester                | Third Semester |
|------------------|-------------------|------|----------------------|-------------------------|----------------|
| Course Title     | Micro Econo       | mics |                      |                         |                |
| Course Code:     | 126BAB03ECODSC05T |      |                      | No. of Credits          | 3              |
| Contact hours    | 42 Hours          |      | Duration of SEA/Exam |                         | 2 hours        |
| Formative Assess | sment Marks       | 40   | Sum                  | mative Assessment Marks | 60             |

Course Outcomes (COs): After the successful completion of the course, the student will be able to:

- CO1. Understand introductory economic concepts.
- CO2. Recognize basic supply and demand analysis.
- CO3. Recognize the structure and the role of costs in the economy.
- CO4. Describe, using graphs, the various market models: perfect competition, monopoly, monopolistic competition, and oligopoly.
- CO5. Explain how equilibrium is achieved in the various market models.
- CO6. Identify problem areas in the economy, and possible solutions, using the analytical tools developed in the course.

| Contents   | 42 Hrs |
|--|--------|
| Unit-1: Basics of Microeconomics   |        |
| <b>Chapter:1 Exploring Microeconomics</b> : Nature and scope of economics – opportunity cost, scarcity, production possibility frontier - Market system as a way to organise economic activities, welfare state                                    | 3      |
| Chapter:2 Supply and Demand: Determinants of demand and supply; demand and supply schedules and; individual and market demand and supply; shifts in the demand and supply curves; Interaction of demand and supply; Equilibrium price and quantity | 3      |

### Practicum:

- Reading and working with graphs
- Estimation of elasticity and discussing its applications; solving problems to estimate the equilibrium price and quantity

### **Unit -2: Consumption Decisions**

| Chapter 3   | 5      |
|---|--------|
| The Households: Diminishing Marginal Utility; Indifference curves – Meaning and Properties;   |        |
| budget constraint; Satisfaction Maximization; income and substitution effects; choice between   |        |
| leisure and consumption.  |        |
| Practicum: Conducting a consumer survey to understand their tastes and preferences  |        |
| Unit -3: Production and Costs   |        |
| Chapter 4: The Firms: Concept of firm and Industry; Production Function; Law of Variable  | 5      |
| Proportions; isoquant and isocost lines, cost minimizing equilibrium condition; Returns to Scale;   |        |
| Features of Cobb-Douglas Production Function  |        |
| Chapter 5: Cost of Production: Short run and long run costs; Returns to Scale.  | 3      |
| Practicum:  |        |
| > Analysing reasons for diminishing marginal returns  |        |
| Examining the relationship between cost and output/ Deriving cost functions from output functions   | ions   |
| Unit -4: Pricing  |        |
| Chapter 6: The Markets: Meaning of Market Structure and Types; Pricing under perfect  | 7      |
| competition; Monopoly pricing and price discrimination; Monopolistic Competition - Features   |        |
| and Pricing; Oligopoly - Interdependence, Collusive and non-collusive oligopoly; Elements of  |        |
| Game theory   |        |
| Chapter 7: The Inputs (Factors): Functional and Personal Income; Demand for and supply of   | 6      |
| factors; Marginal Productivity Theory of Distribution; Meaning and determinants of Rent, Wages,   |        |
| Interest and Profits  |        |
| Practicum:  |        |
| > Conducting Market Survey to identify the nature and features of markets for different goods/ser   | rvices |
| > Understanding distribution of national income as factor incomes   |        |
| Unit -5: Welfare Economics  |        |
| <b>Chapter 8: Welfare Economics:</b> Meaning of Welfare; Pigou's Welfare Economics; Compensation principle; Impediments to attain Maximum Social Welfare; Externalities, Market Failure | 6      |
| Practicum: Examining day to day externalities and proposing solutions to them   |        |

### **Unit -6: Economics in Action**

| Chapter 9: Economic Theory and Policy: Pricing Practices; Basics of Monetary and Fiscal           |  |  |  |  |
|---|--|--|--|--|
| Policies; Controls and Regulations; Incentives and Penalties; Labour policies                     |  |  |  |  |
| Practicum: Analysis of latest budget of the Central Government; Review of terminology used in the |  |  |  |  |
| latest Monetary Policy of the RBI   |  |  |  |  |

**Pedagogy:** Classroom lecture, tutorials, Problem solving exercise

| Formative Assessment for C1 & C2  |                |           |  |  |
|---|----------------|-----------|--|--|
| 10 : //   | Ma             | arks      |  |  |
| Assessment Occasion/ type   | <b>C</b> 1     | <b>C2</b> |  |  |
| Internal Test   | 10             | 10        |  |  |
| Assignment/Seminar  | 05             |           |  |  |
| Quiz  | 05             |           |  |  |
| Case study / Field work / Project work/ Industrial Visit and Prepare a report | -              | 10        |  |  |
| Total   | 40 Marks       |           |  |  |
| Formative Assessment as per NEP guidelines                                    | are compulsory |           |  |  |

# Note: Strictly follow the Practicum

| References |   |  |  |
|------------|---|--|--|
| 1          | Ahuja, H.L. (2008): Principles of Microeconomics, S. Chand and Co., New Delhi   |  |  |
| 2          | Mankiw, N. Gregory (2020). Principles of Economics (Ninth ed.). Boston, MA.     |  |  |
| 3          | Jhingan, M.L. (2016): <i>Microeconomics</i> , Vrinda Publications, New Delhi    |  |  |
| 4          | Koutsoyianis, A (1979): Modern Microeconomics, London, Macmillan                |  |  |
| 5          | Omkarnath, G. (2012: Economics: A Primer for India, Orient Blackswan, Hyderabad |  |  |
| 6          | Samuelson, Paul (2004): Economics, McGraw-Hill, New Delhi                       |  |  |
| 7          | Krishnaiahgouda H.R. (2020): ロゼg ಅಥТ□ಸ, Sapna Book House, Bengaluru             |  |  |
| 8          | https://www.core-econ.org/the-economy/book/text/0-3-contents.html               |  |  |
| 9          | Somashekhar Ne. Thi., ロರ್ಷ ಅಥT □ ಸ , Sidhlingeshwara Prakashana, Kalburgi.      |  |  |

## **Mathematics for Economics**

| Program Name                  | BA in Econo       | mics          |                         | Semester             | Third Semester |
|-------------------------------|-------------------|---------------|-------------------------|----------------------|----------------|
| Course Title                  | Mathematics       | for Economics |                         |                      |                |
| Course Code:                  | 126BAB03ECODSC06T |               |                         | No. of Credits       | 3              |
| Contact hours                 | 42 Hours          |               |                         | Duration of SEA/Exam | 2 Hours        |
| Formative Assessment Marks 40 |                   | Sum           | mative Assessment Marks | 60                   |                |

| Course Ou                | tcomes (COs): After the successful completion of the course, the student will be able    | to:       |
|--------------------------|--|-----------|
| CO1.                     | Perform basic operations in Sets and functions and Matrix algebra.                       |           |
| CO2.                     | Calculate limits, derivatives of Economic functions and identify the nature of relatives | tionship. |
| CO3.                     | Calculate maxima and minima of function  |           |
|                          | Contents   | 42 Hrs    |
| Unit–1: Prel             | iminaries  | 12 Hrs    |
| Chapter:1 -              | Introduction to Mathematical Economics: Nature and scope of mathematical                 | 4         |
| economics- F             | Role of mathematics in economic theory   |           |
| Chapter:2 -              | Number system and Set theory: Types of Numbers: Natural Number, Real number,             | 4         |
| integers, Irra           | tional Number, Complex Number. Concepts of sets- meaning -types- union of sets           |           |
| – interaction            | of sets.   |           |
| Chapter:3 -              | Functions: Meaning of function- Types of functions: Linear and Non-linear                | 4         |
| Functions; Q             | uadratic, Polynomial, Logarithmic and Exponential functions-                             |           |
| Unit -2: Eco             | nomic Functions, their Application and Matrices  | 14 Hrs    |
| Chapter 4 E              | conomic Functions: Demand Function, Supply function, Production function,                | 4         |
| Cost, Revenu             | e and Profit function, Consumption function  |           |
| Chapter-5:               | Applications of Functions: Graph of Economic Functions, Market equilibrium;              | 5         |
| Equilibrium <sub>]</sub> | price and Quantity, Impact of specific tax and subsidy on market equilibrium             |           |
| Chapter-6: I             | Matrices: Definition and Types of Matrices- Matrix Operations: Addition,                 | 5         |
| Subtraction a            | nd Multiplication, Transpose of a Matrix, Determinants of Matrix- Cramer's Rule          |           |

| Unit -3: Differential Calculus and Its Applications   | 16 Hrs |
|---|--------|
| Chapter 7- Limits: Limits of functions, differentiation, rules of differentiation.          | 4      |
| Chapter 8 Derivatives of Economic functions: Derivation of Marginal functions from total    | 6      |
| function-Marginal Production, Marginal cost, Marginal Revenue, Marginal Profit.             |        |
| Chapter 9 - Applications of Derivatives and Higher order derivatives: Elasticity of Demand- | 6      |
| Second order derivatives- Maxima and Minima of Economic function.                           |        |

**Pedagogy:** Classroom lecture, tutorials, Problem solving exercise

| Formative Assessment for C1 & C2  |                |      |  |  |
|---|----------------|------|--|--|
|   | Ma             | arks |  |  |
| Assessment Occasion/ type   | <b>C1</b>      | C2   |  |  |
| Internal Test   | 10             | 10   |  |  |
| Assignment/Seminar  | 05             |      |  |  |
| Quiz  | 05             |      |  |  |
| Case study / Field work / Project work/ Industrial Visit and Prepare a report | -              | 10   |  |  |
| Total   | 40 Marks       |      |  |  |
| Formative Assessment as per NEP guidelines                                    | are compulsory |      |  |  |

| Refer | rences   |
|-------|--|
| 1     | Chiang, A. C. and Wainwright, K., "Fundamental Methods of Mathematical Economics", McGraw-     |
|       | Hill/Irwin, 4th Edition, 2005.   |
| 2     | Sydsaeter, K and Hammond, P., Mathematics for Economic Analysis, Pearson Educational Asia, 4th |
|       | Edition, 2002.   |
| 3     | Allen R.G.D., (2015) Mathematical Analysis for Economists, Macmillan.                          |
| 4     | Bose D., (2003) An Introduction of Mathematical Economics, Himalaya Publishing House, Mumbai.  |
| 5     | Dowling, E. T., "Introduction to Mathematical Economics", McGraw-Hill, 2001.                   |
| 6     | Hoy, M., Livernois, J. McKenna, C, Rees, R. and Stengos, T., "Mathematics for Economics", MIT  |
|       | Press, 3rd Edition, 2011   |
| 7     | Sydsaeter, K and Hammond, P., Mathematics for Economic Analysis, Pearson Educational Asia, 4th |
|       | Edition, 2002.   |

| 8  | Veerachamy R (2005) Quantitative Methods for Economics, New Age International Publishers |
|----|--|
|    | Private Ltd. New Delhi.  |
| 9  | Yamane Taro, (2002) Mathematics for Economists -An Implementer Analysis, Phi Learning    |
|    | Publishers.  |
| 10 | S. N. Yogish, Mathematical methods for Economists- Mangaldeep publications, Jaipur.      |

### **Rural Economics**

| Program Name                  | BA in Econo       | mics |     | Semester                | Third Semester |
|-------------------------------|-------------------|------|-----|-------------------------|----------------|
| Course Title                  | Rural Econo       | mics |     |                         |                |
| Course Code:                  | 126BAB03ECOOEC07T |      |     | No. of Credits          | 3              |
| Contact hours                 | irs 42 Hours      |      |     | Duration of SEA/Exam    | 2 Hours        |
| Formative Assessment Marks 40 |                   | 40   | Sum | mative Assessment Marks | 60             |

Course Outcomes (COs): After the successful completion of the course, the student will be able to:

- CO1. To Understand the basics of rural development,
- CO2. To study the characteristics, problems, and programmes of rural redevelopment
- CO3. To study the trends and patterns of economic activities in rural areas
- CO4. To study the role of infrastructural facilities and governance in rural development
- CO5. To enable the students to know about significance of rural enterprises and agricultural allied activities.

| Contents  | 42 Hrs |
|---|--------|
| Unit-1:   | 12 Hrs |
| Chapter:1 - Introduction to Rural Economy                   | 5      |
| Meaning and Objectives of Rural economy                     |        |
| Characteristics of Rural Economy                            |        |
| Indicators of Rural Development                             |        |
| Concepts of inclusive and sustainable development           |        |
| Chapter:2 - Approaches to Rural Development                 | 4      |
| Gandhian Model  |        |
| Community Development Approach,                             |        |
| Minimum Needs Approach,                                     |        |
| Integrated Rural Development and Inclusive Growth Approach. |        |

| Chapter:3 - Poverty and Unemployment in Rural India   | 5      |
|---|--------|
| Meaning and Measurement of Poverty  |        |
| Causes of Poverty   |        |
| Farm and Non-farm employment  |        |
| Measurement and Types employment  |        |
| Review of Poverty Alleviation and Employment Generation Programmes in India.                |        |
| Practicum:  |        |
| • Field visit to nearby village and study the poverty situation                             |        |
| • Field visit to village and study the employment pattern                                   |        |
| • Undertake evaluation study on employment generation programmes and prepare an assignment. |        |
| Unit -2:  | 14 Hrs |
| Chapter 4- Rural Enterprises  | 5      |
| Meaning and Importance, Classification of MSME  |        |
| Progress and Problems of MSME   |        |
| Khadi and Village Industries  |        |
| Chapter-5: Rural Banking and Finance  | 4      |
| Credit Co-operative Societies   |        |
| Regional Rural Banks  |        |
| Role of NABARD  |        |
| Microfinance Institutions   |        |
| Chapter-6: Rural Infrastructure   | 5      |

#### Chapter-6: Rural Infrastructure

Educational and Health Infrastructure

Housing and Sanitation

Drinking Water Supply

Rural Transport and Communication

Rural Electrification

### Practicum:

- Write an assignment on Rural infrastructure
- Write a small report on Rural Industry

| 14 Hrs |
|--------|
| 1      |

| Chapter 7- Rural Development Programmes  | 4 |
|--|---|
| Wage Employment Programmes   |   |
| Self-employment and Entrepreneurship Development Programmes                          |   |
| Rural Housing Programmes   |   |
| Rural Sanitation Programmes  |   |
| Chapter 8 - Rural Markets  | 5 |
| Meaning and Types of Rural Markets   |   |
| Defects and Government Measures for Removal of Defects in rural markets              |   |
| Co-operative Marketing Societies   |   |
| Meaning and Importance of Regulated Markets  |   |
| Digital Marketing(e-NAM)   |   |
| Chapter 9 - Rural Governance   | 5 |
| Legislations powers, Functions, and sources of revenue of Panchayat Raj Institutions |   |
| Role of NGOs in rural development  |   |
| People's participation in rural development  |   |

## Practicum:

- Group Discussion on Rural Governance
- Interview Gram Panchayat members and prepare brief note on their participation in rural development.
- Undertake evaluation study on rural development programmes and prepare an assignment.

**Pedagogy:** Classroom lecture, tutorials. Problem solving exercise

| Marks    |                      |  |
|----------|----------------------|--|
| C1       | C2                   |  |
| 10       | 10                   |  |
| 05       |                      |  |
| 05       |                      |  |
| -        | 10                   |  |
| 40 Marks |                      |  |
|          | C1<br>10<br>05<br>05 |  |

Note: Strictly follow the Practicum

| Refer | ences   |
|-------|---|
| 1     | Chambers, R. (1983): Rural Development: Putting the Last First, Longman, Harlow.  |
| 2     | Dandekar, V.M. and N. Rath (1971): Poverty in India, GIPE, Pune.  |
| 3     | Dantwala, M. L. (1973): Poverty in India: Then and Now, 1870-1970, Macmillan, Bombay.   |
| 4     | Gupta. K .R. (Ed) (2003): Rural Development in India, Atlantic Publishers and Distributors, New Delhi.                                      |
| 5     | Jain, Gopal Lal (1997): Rural Development, Mangal Deep Publications, Jaipur,  |
| 6     | Singh, Katar (1986): Rural Development: Principles, Polices and Management, Sage Publications, New Delhi, (Second Edition).                 |
| 7     | Karalay, G. N. (2005): Integrated Approach to Rural Development: Polices, Programmes and Strategies, Concept Publishing Company, New Delhi. |
| 8     | Maheshwari, S. R. (1985): Rural Development in India, Sage, Publications New Delhi.   |
| 9     | Satya Sundaram, I. (1997): Rural Development, Himalaya Publishing House, Delhi.   |
| 10    | Mehta, Shiv R. (1984): Rural Development Policies and Programmes, Sage Publications, New Delhi.   |
| 11    | Tyagi, B. P. (1998): Agricultural Economics and Rural Development, Jai Prakash Math and Co., Meerut.  |
| 12    | Somashekar Ne. Thi. (2022) nಾ,&ೀಣ ಅ∎ವೃ8Æ, Siddalingeshwara publication, Kalburgi.   |
| 13    | H. R. Krishnaiah Gowda (2022) nಾ,&ೀಣ ಅ ∎ ವೈ8Æ, Mysore book house publication, Mysore.   |

### **Economics of Insurance**

| Program Name     | BA in Econo  | mics        |     | Semester                | Third Semester |
|------------------|--------------|-------------|-----|-------------------------|----------------|
| Course Title     | Economics of | f Insurance |     |                         |                |
| Course Code:     | 126BAB03EC   | OOEC08T     |     | No. of Credits          | 3              |
| Contact hours    | 42 Hours     |             |     | Duration of SEA/Exam    | 2 Hours        |
| Formative Assess | ment Marks   | 40          | Sum | mative Assessment Marks | 60             |

**Course Outcomes** (**COs**): After the successful completion of the course, the student will be able to: CO1. Gain knowledge relating to the importance of the insurance in the life of human beings.

| Contents | 42 Hrs |
|----------|--------|
|----------|--------|

#### Unit-1: Introduction to Economics of Insurance

### Chapter:1 - Fundamentals of Economics of insurance

- > Definition of insurance
- > Scope of economic of insurance
- > Importance of insurance

### Chapter:2 - The conceptual framework

- > Brief history of insurance
- > Perils and risks in insurance, Classification of risks hazards
- ➤ How insurance works
- > Classes of insurance and assumptions

### Chapter:3 - Type of Insurance

- > Risk pooling and risk transfer in insurance
- > Social vs private insurance
- ➤ Life vs non-life insurance

### Unit -2: Insurance Planning

### **Chapter 4- Types of Insurance Planning**

- > Wealth accumulation plan lifecycle planning
- Planning for wealth accumulation
- Tax advantage and tax non-advantage

### Chapter-5: Retirement Planning

- > Essential of individual retirement planning
- > Investing pension plan, basic principles of pension plans
- > Pension plans in India

### Chapter-6: General Insurance Structure

- > General Insurance, concept of General Insurance
- > Types of General Insurance, Marine Insurance, Motors Insurance, Agricultural Insurance
- > Fire Insurance, Personal Accident Insurance

### Unit -3: personal insurance / Health Insurance

### Chapter 7- Essential of Life and Health Insurance

- > Fundamentals of Life and Health Insurance, functions of Life and Health Insurance
- ➤ Health Insurance and Economic Development, Insurance and Farmer Security

### **Chapter 8 - Insurance Documentation**

- ➤ Health Insurance products, Health Insurance underwriting
- ➤ Health Insurance claims

### Chapter 9 - Insurance Legislation

- ➤ The insurance act, 1938- Registration- Accounts and Returns
- > Investments -Limitation on expense of Management
- > Regulation of Insurance, Insurance regulation in India, role and need of regulation, history of insurance regulation in India
- Insurance Reforms Development Authority (IRDA), performance of IRDA
- > Indian Insurance in global platform, future potential in Indian Insurance Business

### **Pedagogy:** Classroom lecture, tutorials, Problem solving exercise

| Formative Assessment for C1 &   | C2    |               |
|---|-------|---------------|
|   | Marks |               |
| Assessment Occasion/ type   | C1    | <b>C2</b>     |
| Internal Test   | 10    | 10            |
| Assignment/Seminar  | 05    |               |
| Quiz  | 05    |               |
| Case study / Field work / Project work/ Industrial Visit and Prepare a report | -     | 10            |
| Total   | 40 M  | <b>I</b> arks |

| Refer | References  |  |  |  |
|-------|---|--|--|--|
| 1     | Chambers, R. (1983): Rural Development: Putting the Last First, Longman, Harlow.  |  |  |  |
| 2     | Dandekar, V.M. and N. Rath (1971): Poverty in India, GIPE, Pune.  |  |  |  |
| 3     | Dantwala, M. L. (1973): Poverty in India: Then and Now, 1870-1970, Macmillan, Bombay.                                       |  |  |  |
| 4     | Gupta. K .R. (Ed) (2003): Rural Development in India, Atlantic Publishers and Distributors, New Delhi.                      |  |  |  |
| 5     | Jain, Gopal Lal (1997): Rural Development, Mangal Deep Publications, Jaipur,  |  |  |  |
| 6     | Singh, Katar (1986): Rural Development: Principles, Polices and Management, Sage Publications, New Delhi, (Second Edition). |  |  |  |
|       | New Dellii, (Second Edition).   |  |  |  |
| 7     | Karalay, G. N. (2005): Integrated Approach to Rural Development: Polices, Programmes and                                    |  |  |  |
|       | Strategies, Concept Publishing Company, New Delhi.  |  |  |  |
| 8     | Maheshwari, S. R. (1985): Rural Development in India, Sage, Publications New Delhi.   |  |  |  |
| 9     | Satya Sundaram, I. (1997): Rural Development, Himalaya Publishing House, Delhi.   |  |  |  |
| 10    | Mehta, Shiv R. (1984): Rural Development Polices and Programmes, Sage Publications, New Delhi.                              |  |  |  |
| 11    | Tyagi, B. P. (1998): Agricultural Economics and Rural Development, Jai Prakash Math and Co., Meerut.                        |  |  |  |

### **Economics of Human Development**

| Program Name                  | BA in Econo                           | mics    |                         | Semester             | Third Semester |
|-------------------------------|---------------------------------------|---------|-------------------------|----------------------|----------------|
| Course Title                  | <b>Economics of Human Development</b> |         |                         |                      |                |
| Course Code:                  | 126BAB03EC                            | OOEC09T |                         | No. of Credits       | 3              |
| Contact hours                 | 42 Hours                              |         |                         | Duration of SEA/Exam | 2 hours        |
| Formative Assessment Marks 40 |                                       | Sumi    | mative Assessment Marks | 60                   |                |

Course Outcomes (COs): After the successful completion of the course, the student will be able to:

- CO1. Differentiate between Human Resource Development (HRD), Human Development (HD) and HRM
- CO2. Understand the concepts of Human security, describe dimensions of human development, and appreciate various practices and policies of human development, HDI and India.

| Contents                                  | 42 Hrs |
|---|--------|
| Unit-1: Introduction to Human Development | 12 Hrs |

**Chapter 1:** Human Growth and Human Development - Basic Needs Approach - Quality of Life Approach - Capability Approach

Chapter 2: Human Resource Development (HRD), Human Resource Management (HRM).

**Chapter 3:** Human Development: meaning and definition, importance, and objectives.

### Unit -2: Human Security, SDGs and Approaches to Human Development.

12Hrs

**Chapter 4:** Human Security: Economic security - Food security - Health security - Environmental security - Personal security - Community security - Political security.

**Chapter 5:** Sustainable Development Goals (SDGs): Understanding the SDGs - Linkages between human development and the SDGs.

**Chapter 6:** Indian Perspectives and Experience with Human Development: Approach to human development in national plans

### Unit -3: Dimensions and Measurement of Human Development

18 Hrs

**Chapter 7:** Dimensions of Human Development: Empowerment - meaning and usage, Cooperation - definition and brief introduction, Equity - concept and usage, Sustainability – meaning and importance, Participation - concept, different forms of participation, Human development & Productivity - factors determining productivity.

**Chapter 8:** Measuring Human Development: Need for indices - limitations of per capita GDP as an indicator. Earlier indices (meaning): - Physical Quality of Life Index (PQLI), - Disability Adjusted Life Years (DALYs), - Social Capability Index. Human Development Index - HDI as compared to per capita GDP - Method of computing HDI - Critique of HDI. Other indices (meaning): Human Poverty Index (HPI)-Gender-related Development Index (GDI) - Gender Empowerment Measure (GEM).

**Chapter 9:** Selected Issues in Human Development: Impact of Globalisation on Human Development - Trade and Human Development. - Technology and Human Development

**Pedagogy:** Classroom lecture, tutorials, Problem solving exercise

|   | Marks      |       |  |
|---|------------|-------|--|
| Assessment Occasion/ type   | <b>C</b> 1 | C2    |  |
| Internal Test   | 10         | 10    |  |
| Assignment/Seminar  | 05         |       |  |
| Quiz  | 05         |       |  |
| Case study / Field work / Project work/ Industrial Visit and Prepare a report | -          | 10    |  |
| Total   | 40 M       | Iarks |  |

| Refer | rences  |
|-------|---|
| 1     | Chelliah, Raja J. and R. Sudarshan (eds.), 1999, Income Poverty and Beyond: Human Development |
|       | in India, UNDP, Social Science Press, New Delhi   |
| 2     | Dev, S. Mahendra, Piush Antony, V. Gayathri, and R.P. Mamgain, 2001, Social and Economic      |
|       | Security in India, Institute for Human Development, New Delhi                                 |
| 3     | Government of India, National Human Development Report 2002, Planning Commission, New Delhi   |
| 4     | Jaya Gopakl, R: Human Resource Development: Conceptual analysis and Strategies, Sterling      |
|       | Publishing Pvt. Ltd., New Delhi   |
| 5     | Naresh Gupta (2019), Human Development in India Emerald Publishers.                           |
| 6     | Nadler, Leonard (2004). Corporate Human Resource Development, Van Nostrand Reinhold, ASTD,    |
|       | New York  |

| 7  | Padmanabhan Nair(2007) Human Development Index: An Introduction (Economy Series), ICFAI       |
|----|---|
|    | UNIVERSITY PRESS  |
| 8  | Papalia, D.E., Olds, S.W. and Feldman, R.D. (2006). Human development.9th Ed. New Delhi: Tata |
|    | McGraw- Hill.   |
| 9  | Rao, T.V and Pareek, Udai (2005) Designing and Managing Human Resource Systems, Oxford IBH    |
|    | Pub. Pvt.Ltd., New Delhi.   |
| 10 | Rao, T.V: Readings in HRD, Oxford IBH Pub. Pvt. Ltd., New Delhi,                              |
| 11 | Viramani, B.R and Seth, Parmila: Evaluating Management Development, Vision Books, New Delhi.  |
| 12 | Rao, T.V. (et.al)( 2003) HRD in the New Economic Environment, Tata McGraw-Hill Pub.Pvt, Ltd., |
|    | New Delhi ,.  |
| 13 | Rao, T.V: Human Resource Development, Sage Publications, New Delhi.                           |
| 14 | Viramani, B.R and Rao, Kala: Economic Restructuring, Technology Transfer and Human Resource   |
|    | Development, Response Books, New Delhi  |
| 15 | United Nations Development Programme (2005); 'Course Curriculum on Human Development-An       |
|    | Outline', New Delhi   |

| Websites: |   |  |  |  |
|-----------|---|--|--|--|
| 1         | https://www.undp.org/sustainable-development-goals?c_src=CENTRAL&c_src2=GSR     |  |  |  |
| 2         | https://hdr.undp.org/en/2020-report   |  |  |  |
| 3         | https://www.un.org/millenniumgoals/   |  |  |  |
| 4         | https://www.undp.org/india/publications/national-human-development-report-india |  |  |  |
| 5         | https://www.sdgfund.org/mdgs-sdgs   |  |  |  |

| Journ | ournals                                      |  |  |  |
|-------|--|--|--|--|
| 1     | Indian Journal of Training and Development   |  |  |  |
| 2     | HRD Newsletter (NHRD Network)                |  |  |  |
| 3     | American Journal of Training and Development |  |  |  |
| 4     | Personnel Today                              |  |  |  |

| CBCS Question Paper Pattern for UG Semester - DSC, DSEC OEC                                 |                                  |                      |                             |             |          |          |  |  |  |  |
|---|----------------------------------|----------------------|-----------------------------|-------------|----------|----------|--|--|--|--|
| Paper Code:   |                                  | Paper Title:         |                             |             |          |          |  |  |  |  |
| Ouration of Exam  | 2 Hours                          |                      |                             | Max Mark    | ïs       | 60 Marks |  |  |  |  |
| nstruction:   | Answer all the sections          |                      |                             | <b>-</b>    |          |          |  |  |  |  |
| Section-A   |                                  |                      |                             |             |          |          |  |  |  |  |
| 1. Answer <u>Ten</u> the following sub-questions, each sub-question carries <b>ONE</b> mark |                                  |                      |                             |             |          |          |  |  |  |  |
| ۸.  |                                  |                      |                             |             |          |          |  |  |  |  |
| 3.  |                                  |                      |                             |             |          |          |  |  |  |  |
| C <b>.</b>  |                                  |                      |                             |             |          |          |  |  |  |  |
| О.  |                                  |                      |                             |             |          |          |  |  |  |  |
|   |                                  |                      |                             |             |          |          |  |  |  |  |
|   |                                  |                      |                             |             |          |          |  |  |  |  |
|   |                                  |                      |                             |             |          |          |  |  |  |  |
| Note for Section-A:   | Three sub-questions from         | each unit and ren    | naining one sub-question (K | & L) from u | ınit I 1 | to III.  |  |  |  |  |
| Section-B   |                                  |                      |                             |             |          |          |  |  |  |  |
| Answer any <b>FOUR</b>  | of the following questions, e    | each question carrie | es FIVE marks               |             | (4       | (4X5=20) |  |  |  |  |
| 2.  |                                  |                      |                             |             |          |          |  |  |  |  |
| 3.  |                                  |                      |                             |             |          |          |  |  |  |  |
| 1.  |                                  |                      |                             |             |          |          |  |  |  |  |
| 5.  |                                  |                      |                             |             |          |          |  |  |  |  |
| <b>ó.</b>   |                                  |                      |                             |             |          |          |  |  |  |  |
| 7.  |                                  |                      |                             |             |          |          |  |  |  |  |
| Note for Section-B:   | <b>Minimum Two question f</b>    | rom each unit (Q     | No 2 to 6)                  |             |          |          |  |  |  |  |
| Section-C   |                                  |                      |                             |             |          |          |  |  |  |  |
| Answer any THREE  | of the following questions, each | question carries TE  | <b>N</b> marks              |             | (3:      | X10=30)  |  |  |  |  |
| 3.  |                                  |                      |                             |             |          |          |  |  |  |  |
| 9.  |                                  |                      |                             |             |          |          |  |  |  |  |
| 10.   |                                  |                      |                             |             |          |          |  |  |  |  |

Note for Section-C: Minimum Two question from each unit (Q No 8 to 12) Sub-questions such as 'a' and 'b' may be given for a question in section-C only.

11. 12.