Pratibha Niketan Mahavidyalaya, Nanded

**Course and programme outcome**

|  |  |
| --- | --- |
| **Programme : Bachelor of Arts** | **Degree: B.A.** |
| **Course : Economics** | **Semester - I** |
| **Course code: CCECO I** | **Course type: Core** |
| **Course area : Micro Economics** | **Contact Hours 3H:20M Hours per week** |

**Syllabus**

|  |  |  |
| --- | --- | --- |
| **Unit** | **Details** | **Hours** |
| **Unit – I** | **Introduction of Economics**  A) Definition of Economics: Adam Smith & Robbins.  Nature and Scope of Economics, Significance of Economics.  B) Micro and Macro Analysis, Meaning and Features. | **15** |
| **Unit – II** | **Demand and Supply Analysis**  A) **Demand –**Meaning, Law of Demand, Determinants of  Demand.  B) **Elasticity of Demand –** Concept and Types of elasticity of demand: Price, Income and Cross Elasticity. Methods of  Measurement of Price Elasticity of Demand.  C) **Supply –** Meaning, Law of Supply, Determinants of Supply. | 20 |
| **Unit – III** | **Theory of Consumer Behaviour**  A) **Cardinal Utility Approach –** Concept of Utility, Law of  Diminishing marginal utility.  B) **Ordinal Utility Approach –** Indifference curve: Meaning,  Properties, Price Line, Consumer’s equilibrium.  Price, Income and Substitution effects. | 20 |
|  | Total hours | 55 |

**Text/Reference books**

|  |  |
| --- | --- |
| T/R | Book Title/ Authors/ Publication |
| R | 1. Robbins L.C. (1932) The Nature and Significance of Economic Science, London,  Macmillan VIII Ed.  2. Marshall A. (1920) Principles of Economics Book I, London, Macmillan, Vllled.  3. Hicks J.R. (1939) Value and Capital Paper I, Oxford. Clarendon press (2nd Ed.  1946)  4. Samuelson P.A. (1948) Economics, New York: McGraw Hill.  5. Boulding K.E. (1970) Economics as a Science, McGraw Hill.  6. Robinson Joan (1969): Economic of Imperfect Competition, Macmillan.  7. Chamberlin E. H. (1933): The Theory of Monopolistic Competition, Cambridge,  M. A. Harvard University Press.  8. Knight F.H. (1921) Risk, Uncertainty and Profit, New York, Houghton Mifflin.  7  9. Jhingan M.L. (1999) Micro Economics Theory, Vrinda Publications Limited.  10. Ahuja H.L. (1978) Principles of Micro Economics, S. Chand Limited.  11. A. Koutsoyiannis,(1979) Modern Micro Economics, MacMillan Education Ltd.,  London. |

**Course Pre-requisites**

|  |  |  |  |
| --- | --- | --- | --- |
| C code | Course Name | Description | Sem./ Standard |
|  | HSC | Economics | 12th |

**Course objectives**

i) To study the basic definitions and concepts of Economics.

ii) To study the nature and scope of Economics.

iii) To study the demand and supply analysis.

iv) To make the comparative analysis of cardinal and ordinal utility approach.

**Course outcome**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Description** | **Bloms’ Taxonomy level** |
| CCECO I.1 | students wiil be able to state and understand the various defination of Economics | 1,2 |
| CCECO I.2 | students wiil be able to explain and state the significance of economics | 2,1 |
| CCECO I.3 | students wiil be able to define and sketch the demand and suppy curve of the market | 1, 3 |
| CCECO I.4 | Students will be able to compare prise of commodity and choose appropriate commodity | 4 |
| CCECO I.5 | students will be able to compare and judge the maximum level of satisfaction | 5,4 |
| CCECO I.6 | students will be able to listed the elasticity of commodity and investigate which commoditys’ price is elastic or inelastic in market | 1, 6 |

Pratibha Niketan Mahavidyalaya, Nanded

**Course and programme outcome**

|  |  |
| --- | --- |
| **Programme : Bachelor of Arts** | **Degree: B.A.** |
| **Course : Economics** | **Semester - I** |
| **Course code: CCECO II** | **Course type: Core** |
| **Course area : Statistical Methods** | **Contact Hours 3H : 20M hours per week** |

**Syllabus**

|  |  |  |
| --- | --- | --- |
| Unit | Details | Hours |
| **1. Introduction of Statistics** | A) Meaning, Definitions and Scope of Statistics.  B) Importance and Function of Statistics.  C) Limitations of Statistics. | 10 |
| 2. **Collection of Data** | **A) Primary Data:** Meaning and Definition.  Methods of collecting Primary Data, Ideal Questionnaire.  **B) Secondary Data:**  Meaning, Definition and Sources of Secondary Data.  **C) Organization of Data :**  Classification, Frequency Distribution and Tabulation of Data. | 20 |
| **3. Measures of Central Tendency** | **A) Mean:** Simple, Discrete and Continuous Series.  **B) Median:** Simple, Discrete and Continuous Series.  **C) Mode:** Simple, Discrete and Continuous Series.  **D) Quartiles:** Simple, Discrete and Continuous Series.  **E) Deciles:** Simple, Discrete and Continuous Series.  **F) Percentiles:** Simple, Discrete and Continuous Series. | 25 |
|  | Total Hours | 55 |

**Text/Reference books**

|  |  |
| --- | --- |
| T/R | Book Title/ Authors/ Publication |
| R | 1. Croxfon, F.E., Cowden D.J. and Kleins (1973), Applied General Statistics,  Prentice Hall, New Delhi.  2. Allen, R.G.D. (1974), Mathematical Analysis for Economists, MacMillan  Press, London.  3. Speigal, M.R. (1992), Theory and problems of statistics, McGraw Hill  Book, London.  4. Gupta, S.C. and Kapoor V.K. (1993), Fundamentals and Applied Statistics,  Chand and Sons, New Delhi.  5. Gupta S. P. (2009), Statistical Methods, Sultan Chand & Sons, New Delhi. |

**Course Pre-requisites**

|  |  |  |  |
| --- | --- | --- | --- |
| C code | Course Name | Description | Sem./ Standard |
|  | HSC | Basic Knowledge of Statistics | 12th |

**Course objectives**

1. To study the scope and function of Statistics.

2. To understand the importance and limitations of Statistics.

3. To Study the Collection of Primary data and Secondary data.

4. To make the Classification and Tabulation of data.

5. To Study the measurement of Central Tendency.

**Course outcome**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Description** | **Bloms’ Taxonomy level** |
| CCECO II.1 | Students will be able to state definition and scope of statistics. | 1 |
| CCECO II.2 | Students will be able to explain the important and function of statistics in social science. | 2 |
| CCECO II.3 | Students will be able to solve average and center tendency of data. | 3 |
| CCECO II.4 | Students will be able to organize and classify primary data. | 4,2 |
| CCECO II.5 | Students will be able to judge the data source is either primary or secondary. | 5 |
| CCECO II.6 | Students will be able to design questionnaire/ Schedule for primary data collection. | 6 |

Pratibha Niketan Mahavidyalaya, Nanded

**Course and programme outcome**

|  |  |
| --- | --- |
| **Programme : Bachelor of Arts** | **Degree: B.A.** |
| **Course : Economics** | **Semester - II** |
| **Course code: CCECO I** | **Course type: Core** |
| **Course area : Micro Economics** | **Contact Hours 3H : 20M hours per week** |

**Syllabus**

|  |  |  |
| --- | --- | --- |
| **Unit** | **Details** | **Hours** |
| **Unit – I** | **Theory of Production, Cost and Revenue**  A. **Production Function:** Concept of Production Function; theLaw of Variable Proportion; Law of Returns to Scale.  B. **Concept of Cost and Cost Curves:** Different concept of Cost-Money, Real and Opportunity Cost; Cost Curves-Short Run andLong Run.  C. **Concept of Revenue and Revenue Curves:** Total, Averageand Marginal Revenue, Revenue and Revenue Curves underPerfect Competition and Monopoly. | **15** |
| **Unit – II** | **Market Structure**  A) **Perfect Competition –** Meaning, Characteristics, Price determination, Short-run & Long-run equilibrium of a firm &industry.  B) **Monopoly –** Meaning, Characteristics, Short-run & Long-runequilibrium of a firm.  C) **Monopolistic Competition –** Meaning, Characteristics, Groupequilibrium. | 20 |
| **Unit – III** | **Theory of Distribution**  A) **Rent –** Recardian and Modern theories of Rent.  B) **Wage –** Modern Theory of Wage, Wage Differentiation and Collective Bargaining.  C) **Interest –** Loanable funds and Liquidity preference theories of interest.  D) **Profit –** Uncertainty theory of profit; Innovation theory of Profit. | 20 |
|  | Total hours | 55 |

**Text/Reference books**

|  |  |
| --- | --- |
| T/R | Book Title/ Authors/ Publication |
| R | 1. Robbins L.C. (1932) The Nature and Significance of Economic Science, London,  Macmillan VIII Ed.  2. Marshall A. (1920) Principles of Economics Book I, London, Macmillan, Vllled.  3. Hicks J.R. (1939) Value and Capital Paper I, Oxford. Clarendon press (2nd Ed.  1946).  4. Samuelson P.A. (1948) Economics, New York: McGraw Hill.  5. Boulding K.E. (1970) Economics as a science, McGraw Hill.  6. Robinson Joan (1969): Economic of Imperfect Competition, Macmillan.  7. Chamberlin E. H. (1933): The Theory of Monopolistic Competition, Cambridge,  M. A. Harvard University Press.  8. Knight F.H. (1921) Risk Uncertainty ant Profit, New York, Houghton Mifflin.  9. Jhingan M.L. (1999) Micro Economics Theory, Vrinda Publications Limited.  10. Ahuja H.L. (1978) Principles of Micro Economics, S. Chand Limited.  11. A. Koutsoyiannis, Modern Micro Economics, MacMillan Education Ltd., London,  1979. |

**Course Pre-requisites**

|  |  |  |  |
| --- | --- | --- | --- |
| C code | Course Name | Description | Sem./ Standard |
|  | HSC | Economics | 12th |

**Course objectives**

i) To study the Concept and theories of Production.

ii) To understand the concepts of Cost and Revenue.

iii) To study the concepts of exchange through market structure.

iv) To analyze the theory of distribution into various factors of production, such as: Land owner, labour, organizer, and Capital owner.

**Course outcome**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Description** | **Bloms’ Taxonomy level** |
| CCECO I.1 | Students will be able to state and compare the cost and revenue concept curve | 4,1 |
| CCECO I.2 | Students will be able to define and explain the production function | 1, 2 |
| CCECO I.3 | Students will be able to state Sketch cost and revenue curve of a firm | 1, 3 |
| CCECO I.4 | Students will be able to listed and compare various market structure | 1, 4 |
| CCECO I.5 | Students will be able to listed market type and select appropriate market for shopping | 1, 5 |
| CCECO I.6 | Students will be able to investigate distribution of GDP in various factor | 6 |

**ACADEMIC YEAR 2019-2020**

**CONTINIOUS INTERNAL ASSESMENT**

**Class: B.A. I Year Semester: II**

**Subject: Economics Paper: I (Micro Economics)**

**Date: Unit Test-I Time:1:00Hr**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course Outcome** | **Bloom’s Taxonomy level** | **Q.NO** | **Question** | **Marks** |
| I | 2 | 1 | Define the concept of production function | 02 |
| II | 3 | 2 | Explain cost and sketch the cost curves | 04 |
| IV | 5 | 3 | Evaluate the Law of Variable Proportion  OR  Evaluate the Law of Returns to Scale. | 08 |
| IV | 4 | 4 | Examine the LONG Run Average Cost Curve.. | 06 |

**ACADEMIC YEAR 2019-2020**

**CONTINIOUS INTERNAL ASSESMENT**

**Class: B.A. I Year Semester: I**

**Subject: Economics Paper: I (Micro Economics)**

**Date: Unit Test-II Time:1:00Hr**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course Outcome** | **Bloom’s Taxonomy level** | **Q.NO** | **Question** | **Marks** |
| I | 2 | 1 | Define and Explain the concept of Total and Marginal utility | 04 |
| III | 3 | 2 | Suppose the price of onions rises from Rs. 45 to Rs. 50. And the quantity demanded of onions has fallen from 1000 Kgs. to 950 Kgs. solve the price elasticity of demand | 04 |
| III | 4 | 3 | Distinguish between Price and Income elasticity of demand  OR  Distinguish between Perfectly and Imperfectly elasticity of demand. | 06 |
| IV | 5 | 4 | Evaluate the methods of measurement of price elasticity of demand | 06 |

**ACADEMIC YEAR 2019-2020**

**CONTINIOUS INTERNAL ASSESMENT**

**Class: B.A. I Year Semester: I**

**Subject: Economics Paper: I (Micro Economics)**

**Assignment Test-I**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course Outcome** | **Bloom’s Taxonomy level** | **Q.NO** | **Question** | **Marks** |
| I | 2 | 1 | Explain the scope of micro economics | 06 |
| II | 3 | 2 | Define and sketch the consumer’s equilibrium with the help of price line and IC curve | 05 |
| III | 4 | 3 | Distinguish between micro and macro economics | 04 |
| IV | 5 | 4 | Evaluate the Alen and Hicks theory of consumer behavior.  OR  Evaluate the Adamsmith’s economics definition of wealth. | 05 |

**ACADEMIC YEAR 2019-2020**

**CONTINIOUS INTERNAL ASSESMENT**

**Class: B.A. I Year Semester: I**

**Subject: Economics Paper: I (Micro Economics)**

**Assignment Test-II**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course Outcome** | **Bloom’s Taxonomy level** | **Q.NO** | **Question** | **Marks** |
| I | 2 | 1 | Define micro economics and explain its significance | 04 |
| III | 3 | 2 | If the price of the mobile rises from Rs.10000/- to Rs. 15000/- then quantity demanded of mobilesfalls from 20000 units to 15000 units solve the elasticity of demand. | 06 |
| III | 4 | 3 | Distinguish between Total and Marginal utility  OR  Distinguish between Income and Cross elasticity of demand | 04 |
| IV | 5 | 4 | Evaluate the Robins definition of Economics | 06 |

Pratibha Niketan Mahavidyalaya, Nanded

**Course and programme outcome**

|  |  |
| --- | --- |
| **Programme : Bachelor of Arts** | **Degree: B.A.** |
| **Course : Economics** | **Semester - II** |
| **Course code: CCECO II** | **Course type: Core** |
| **Course area : Statistical Methods** | **Contact Hours 3H : 20M hours per week** |

**Syllabus**

|  |  |  |
| --- | --- | --- |
| Unit | Details | Hours |
| **Unit – I** | **Measures of Dispersion**  A) Meaning of Dispersion.  B) **Range:** Calculation of Range.  C) **Quartile Deviation:** Calculation of Quartile Deviation & itsCo-efficient.  D) **Standard Deviation :**Calculation of Standard Deviation & its Co-efficient. | 20 |
| **Unit – II** | **Correlation**  A) Meaning, Types and Significance of Correlation.  B) Graphical Method of calculating Correlation.  C) Simple Correlation: Karl Pearson’s method. | 15 |
| **Unit – III** | **Index Number**  A) Meaning , Types and Significance of Index Number  B) Construction of Index Number.  C) Laspeyres, Paasche and Fisher’s Methods ofConstructing Index Number. | 20 |
|  | Total Hours | 55 |

**Text/Reference books**

|  |  |
| --- | --- |
| T/R | Book Title/ Authors/ Publication |
| R | 1. Croxfon, F.E., Cowden D.J. and Kleins (1973), Applied General Statistics,  Prentice Hall, New Delhi.  2. Allen, R.G.D. (1974), Mathematical Analysis for Economists, MacMillan  Press, London.  3. Speigal, M.R. (1992), Theory and problems of statistics, McGraw Hill  Book, London.  4. Gupta, S.C. and Kapoor V.K. (1993), Fundamentals and Applied Statistics,  Chand and Sons, New Delhi.  5. Gupta S. P. (2009), Statistical Methods, Sultan Chand & Sons, New Delhi. |

**Course Pre-requisites**

|  |  |  |  |
| --- | --- | --- | --- |
| C code | Course Name | Description | Sem./ Standard |
|  | HSC | Economics | 12th |

**Course objectives**

1. To instill the basic ideas of Statistics among the students.

2. To study the measurement of Dispersion.

3. To explain the significance of Correlation.

4. To Study the significance of Index Number.

5. To teach the methods of constructing Index Number.

**Course outcome**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Description** | **Bloms’ Taxonomy level** |
| CCECO II.1 | Students will be able to sketch frequency curve | 3 |
| CCECO II.2 | Students will be able to solve index number examine it | 4,3 |
| CCECO II.3 | Students will be able to identify and explain the correlation between two variables | 2 |
| CCECO II.4 | Students will be able to investigate measure of dispersion from center tendency | 6 |

Pratibha Niketan Mahavidyalaya, Nanded

**Course and programme outcome**

|  |  |
| --- | --- |
| **Programme : Bachelor of Arts** | **Degree: B.A.** |
| **Course : Economics** | **Semester - III** |
| **Course code: ECO V** | **Course type: Core** |
| **Course area : Macro Economics** | **Contact Hours 3H : 20M hours per week** |

**Syllabus**

|  |  |  |
| --- | --- | --- |
| Unit | Details | Hours |
| **Unit – I** | **National Income**  1. Meaning, Features and Importance of National Income  2. Concepts of GNP, NNP, GDP, Personal Income, disposable Income, Per Capita Income  3. Measuring Methods of National Income; Difficulties in Measurement of National Income | 15 |
| **Unit – II** | **Theory of Money and Business Cycle**  1. Definitions, Functions and Importance of Money.  2. Value of Money and its Measurement.  3. Quantitative Theory of Money - Fisher's Transaction Approach, Cambridge Cash Balance Approach.  4. Business Cycle - Meaning, Characteristics and Phases of Business Cycle, Keynesian Theory of Business Cycle. | 20 |
| **Unit – III** | **Theory of Income and Employment**  1. The Classical Theory of Employment - Say's Law of Market, Keynesian  Theory of Income and Employment.  2. The concept of Consumption Function, Investment Function, Marginal  Efficiency of Capital, Multipliers and Acceleration. | 20 |
|  | Total Hours | 55 |

**Text/Reference books**

|  |  |
| --- | --- |
| T/R | Book Title/ Authors/ Publication |
| R | 1. Hanson, A.H. (1953), A Guide to Keynes, McGraw Hill, New York.  2. Dillard, D. ( 1960), The Economics of John Maynard Keynes; Cross by lock wood and  sons, London.  3. Acklcy, G (1976), Macro Economics: Theory and Policy, Macmillan Publishing  Company, New York.  4. Gupta, S.B. (1994) Monetary Economics, S. Chand and Co. Delhi.  5. Shapiro, E. (1996), Macro Economics Analysis, Galgotia Publications. New Delhi.  6. Lewis, M.K. and P.D. Mizan (2002), Monetary Economics, Oxford University Press, New  Delhi.  7. Anuja H.L. (2002), Macro Economics, Theory and Policy; S. Chand and Co. Ltd., New  Delhi.  8. Jhingan M.L. (2009), Macro Economic Theory, Vrinda Publications (P) Ltd, Delhi.  9. N. Gregory Mankiw (2010), Macro Economics, Cengage Learning India Private Limited,  New Delhi, 7th Edition.  10. Dornbusch, Fischer and Startz (2010) Macro Economics, McGraw Hill, 11th Edition.  11. Mithani, D.M. (2016), Macro Economics, Himalaya Publishing House Pvt.Ltd, Mumbai. |

**Course Pre-requisites**

|  |  |  |  |
| --- | --- | --- | --- |
| C code | Course Name | Description | Sem./ Standard |
|  | HSC | Economics | 12th |

**Course objectives**

i) To study the Concept and theories of national income.

ii) To understand the concepts of GDP, GNP, NNP and other national income concepts.

iii) To study the concepts of Business cycle.

iv) To analyze the theory of Income and employment.

**Course outcome**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Description** | **Bloms’ Taxonomy level** |
| ECO V.1 | Students will be able to Define and explain the process of calculating national income, identify its components, demonstrate circular flow of income, analyze the various income identities with government and international trade, define the concept of green accounting | 1,2 |
| ECO V.2 | Students will be able to understand Say’s law of market, classical theory of employment and Keynes objection to the classical theory, demonstrate the principle of effective demand and income determination. | 3, 2 |
| ECO V.3. | Students will be able to explain the meaning of consumption function, relationship between APC and MPC, consumption and income, concept of multiplier and analyze the theories of absolute and relative income hypotheses. | 2, 4 |
| ECO V.4 | Students will be able to understand the relationship between investment and savings,  demonstrate investment multiplier, and understand the meaning of  MEC and MEI. | 2, 3 |
| ECO V.5 | Students will be able to illustrate the meaning of interest, analyze the various theories of interest | 4 |

Pratibha Niketan Mahavidyalaya, Nanded

**Course and programme outcome**

|  |  |
| --- | --- |
| **Programme : Bachelor of Arts** | **Degree: B.A.** |
| **Course : Economics** | **Semester - III** |
| **Course code: SEC I** | **Course type: Skill** |
| **Course area : Cashless Transactions** | **Contact Hours 3H : 20M hours per week** |

**Syllabus**

|  |  |  |
| --- | --- | --- |
| Unit | Details | Hours |
| **Unit – I** | **Nature and Significance of Money:**  Money : Definition, Barter System, Evolution of Money,  Characteristics and Functions of Money | 08 |
| **Unit – II** | **Evolution of Bank:**  **Bank:** Definition, Evolution of Banking in India, Classification of  Banks, Formalities and Procedures of Opening Accounts,  Operation of Bank Accounts. | 08 |
| **Unit – III** | **Cashless Economy:**  Meaning of Cashless Economy, Types and Modes of Payment of  Cashless Economy, Advantages and Disadvantages of Cashless  Economy, Challenges in Transforming Cashless India. | 08 |
|  | Total Hours | 24 |

**Text/Reference books**

|  |  |
| --- | --- |
| T/R | Book Title/ Authors/ Publication |
| R | 1. The Economics of Money, Banking, and Financial Markets (Addison-Wesley Series in  Economics) by Frederic S. Mishkin, Seventh Edition, Published July 22nd 2005  2. Money And Banking by Dudley G. Luckett Paperback, 3rd Edition, Published 1984 by  McGraw-Hill  3. The Theory and History of Banking: Charles Franklin Dunbar, Oliver Mitchell Wentworth  Sprague, Henry Parker Willis Paperback, Large Print, Published Nabu Press.  4. Modern Banking In India: K.N. Subrahmanya, Deep & Deep Publications, New Delhi  Bank Finance For Rural Development: L K Naidu, Ashish publishing house. Delhi.  5. Money and Banking: A.A.Walters, Harmondsworth, Penguin Education,  6. Money, Banking and International Trade: K.P.M.Sundharam, Sultan Chand & Sons, New Delhi.  7. Fundamentals of Banking: Rita S.Swami, Sheth Publishers, Mumbai.  8. Money, Banking, International Trade and Public Finance: D. M. Mithani, Himalaya  Publishing House, Mumbai.  9. Reform of The Indian Banking System: S.L.N. Simha,Orient Longman Ltd, New Delhi.  10. Money banking international trade and public finance: M.L.Jhingan, Vrinda Publication, Delhi. |

**Course Pre-requisites**

|  |  |  |  |
| --- | --- | --- | --- |
| C code | Course Name | Description | Sem./ Standard |
|  | HSC | Economics | 12th |

**Course objectives**

1. To enable the students to understand various aspects of Cashless Transactions.
2. To provide basic knowledge of Money and Banking systems.
3. To identify key issues and problems in cash economy.
4. To introduce the key economic concepts, required to analyze cashless transactions.
5. To illustrate how the new modes of payments (cashless) can be made easy in cashless transaction.

**Course outcome**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Description** | **Bloms’ Taxonomy level** |
| SEC I.1 | Students will be able to state the definition of money and character and function of money they will also able to identify barter system | 2,1 |
| SEC I.2 | Students will be able to state the evolution of banking system in India. And also able to open bank account in commercial bank | 1 |
| SEC I.3 | Students will be able to use bank account | 3 |
| SEC I.4 | Students will able to state the advantage of cashless transaction and also they will able to use cashless transaction | 1,3 |
| SEC I.5 | Students will be able to state the importance of cashless transaction and argue either cashless transaction is benefited or not for India. | 5,1 |

Pratibha Niketan Mahavidyalaya, Nanded

**Course and programme outcome**

|  |  |
| --- | --- |
| **Programme : Bachelor of Arts** | **Degree: B.A.** |
| **Course : Economics** | **Semester - III** |
| **Course code: ECO VI** | **Course type: Core** |
| **Course area : Statistical Methods** | **Contact Hours 3H : 20M hours per week** |

**Syllabus**

|  |  |  |
| --- | --- | --- |
| Unit | Details | Hours |
| **1. Introduction of Statistics** | A) Meaning, Definitions and Scope of Statistics.  B) Importance and Function of Statistics.  C) Limitations of Statistics. | **10** |
| 2. **Collection of Data** | **A) Primary Data:** Meaning and Definition.  Methods of collecting Primary Data, Ideal Questionnaire.  **B) Secondary Data:**  Meaning, Definition and Sources of Secondary Data.  **C) Organization of Data :**  Classification, Frequency Distribution and Tabulation of Data. | 20 |
| **3. Measures of Central Tendency** | **A) Mean:** Simple, Discrete and Continuous Series.  **B) Median:** Simple, Discrete and Continuous Series.  **C) Mode:** Simple, Discrete and Continuous Series.  **D) Quartiles:** Simple, Discrete and Continuous Series.  **E) Deciles:** Simple, Discrete and Continuous Series.  **F) Percentiles:** Simple, Discrete and Continuous Series. | 25 |
|  | Total Hours | 55 |

**Text/Reference books**

|  |  |
| --- | --- |
| T/R | Book Title/ Authors/ Publication |
| R | 1. Croxfon, F.E., Cowden D.J. and Kleins (1973), Applied General Statistics,  Prentice Hall, New Delhi.  2. Allen, R.G.D. (1974), Mathematical Analysis for Economists, MacMillan  Press, London.  3. Speigal, M.R. (1992), Theory and problems of statistics, McGraw Hill  Book, London.  4. Gupta, S.C. and Kapoor V.K. (1993), Fundamentals and Applied Statistics,  Chand and Sons, New Delhi.  5. Gupta S. P. (2009), Statistical Methods, Sultan Chand & Sons, New Delhi. |

**Course Pre-requisites**

|  |  |  |  |
| --- | --- | --- | --- |
| C code | Course Name | Description | Sem./ Standard |
|  | HSC | Economics | 12th |

**Course objectives**

1. To study the scope and function of Statistics.

2. To understand the importance and limitations of Statistics.

3. To Study the Collection of Primary data and Secondary data.

4. To make the Classification and Tabulation of data.

5. To Study the measurement of Central Tendency.

**Course outcome**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Description** | **Bloms’ Taxonomy level** |
| ECO VI. 1 | Students will be able to state definition and scope of statistics. | 1 |
| ECO VI. 2 | Students will be able to explain the important and function of statistics in social science. | 2 |
| ECO VI. 3 | Students will be able to solve average and center tendency of data. | 3 |
| ECO VI. 4 | Students will be able to organize and classify primary data. | 4,2 |
| ECO VI. 5 | Students will be able to judge the data source is either primary or secondary. | 5 |
| ECO VI. 6 | Students will be able to design questionnaire/ Schedule for primary data collection. | 6 |

Pratibha Niketan Mahavidyalaya, Nanded

**Course and programme outcome**

|  |  |
| --- | --- |
| **Programme : Bachelor of Arts** | **Degree: B.A.** |
| **Course : Economics** | **Semester - IV** |
| **Course code: ECO VII** | **Course type: Core** |
| **Course area : Banking** | **Contact Hours 3H : 20M hours per week** |

**Syllabus**

|  |  |  |
| --- | --- | --- |
| Unit | Details | Hours |
| **Unit – I** | **Commercial Bank**  Meaning and Functions of Bank, Evolution of Banking System in India. Commercial Banking and Credit Creation. Critical appraisal and Progress of Commercial Banking after Nationalization | 15 |
| **Unit – II** | **Central Bank**  Definition, Functions and Development of Central Bank, Credit Control - Meaning and Types. | 20 |
| **Unit – III** | **Financial Institutions & Concepts**  Regional Rural Banks, Functions and Development of IDBI, NABARD, ICICI, EXIM Bank. Recent reforms in Banking sector of India, Current trends in Banking services e-banking, ATM, Debit Card, Credit Card, Core Banking, Education Loan, Types of Electronic Clearing Services | 20 |
|  | Total Hours | 55 |

**Text/Reference books**

|  |  |
| --- | --- |
| T/R | Book Title/ Authors/ Publication |
| R | 1. ZhinganM.L.: Money, Banking and International Trade.  2. DesaiVasant : Central Banking and Economic Development.  3. Panandikar S.G.,Mithal D.M.: Banking in India.  4. Shekhar&Shekhar, Banking Theory and Practice, Vikas Publishing House, New Delhi.  5. Hatler, Banks Investment and Funds Management.  6. Mahajan, Mukund (2000), Indian Banking System, NiraliPrakashan, Pune.  7. Khan, M.Y. (2011), Indian Financial System, Tata McGraw Hill, 7th Edition.  8. Deshmukh, D.N.(2014), Indian Banking System, ChandralokPrakashan, Kanpur  9. Bhole, L.M., Mahukud (2011), Financial Institutions and Markets, Tata McGraw Hill, 5th Edition.  10. Mishkin, F.S., Eakings, S.G. (2009), Financial Markets and Institutions, Pearson Education, 6th Edition.  11. Various Latest Issues of RBI Bulletins Annual Reports, Reports on Currency and Finance & Reports of the Working Group. |

**Course Pre-requisites**

|  |  |  |  |
| --- | --- | --- | --- |
| C code | Course Name | Description | Sem./ Standard |
|  | HSC | Economis | 12th |

**Course objectives**

i) To study the Concept and theories of Banking.

ii) To understand the concepts of Center Bank.

iii) To study the concepts of Credit control.

iv) To study the various financial institutional and concepts related to financial institution.

**Course outcome**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Description** | **Bloms’ Taxonomy level** |
| ECO VII. 1 | Students will be able to demonstrate the meaning and function of money, high powered money, monetary and paper system, illustrate various version of quantity theory of money. | 3 |
| ECO VII. 2 | Students will be able toIdentify types of banks, explain the meaning and function of commercial banks, illustrate how banks create credit, and suggest the instruments to control credit. | 2, |
| ECO VII. 3 | Students will be able to analyze different phases of trade cycle, demonstrate various trade cycle theories, understand the impact of cyclical fluctuation on the growth of business, and lay policies to control trade cycle. | 4,2 |
| ECO VII. 4 | Students will be able toIllustrate the meaning of inflation, deflation, stagflation and reflation, identify different kinds of inflation, causes and effects of inflation on different sectors of the economy, describe different measures to control inflation. | 2 |

Pratibha Niketan Mahavidyalaya, Nanded

**Course and programme outcome**

|  |  |
| --- | --- |
| **Programme : Bachelor of Arts** | **Degree: B.A.** |
| **Course : Economics** | **Semester - IV** |
| **Course code: SEC II** | **Course type: Skill** |
| **Course area : Data collection** | **Contact Hours 2H : 30M hours per week** |

**Syllabus**

|  |  |  |
| --- | --- | --- |
| Unit | Details | Hours |
| **Unit – I** | Introduction to Research: Meaning, Objectives, Types and  Significance, Research Problem and Steps of Research. | 06 |
| **Unit – II** | Techniques of Sampling: Census Method; Sample Survey- Methods of Sampling. | 06 |
| **Unit – III** | Methods of Data Collection:  Meaning- Primary and Secondary data.  Sources of Primary and Secondary Data, Methods of Collecting  Primary and Secondary Data.  Classification and Tabulation of data.  Frequency Distribution and Graphical Presentation of data. | 12 |
|  | Total Hours |  |

**Text/Reference books**

|  |  |
| --- | --- |
| T/R | Book Title/ Authors/ Publication |
| R | 1. P.H. Karmel and M. Polasek (1978), Applied Statistics for Economists, 4th  edition, Pitman.  2. M.R. Spiegel (2003), Theory and Problems of Probability and Statistics  (Schaum Series).  3. Cochran, William, G. (2008), Sampling Techniques, Third Edition, Wiley-  India, ISBN 978 -81-265-1524-0.Reprint: 2008.  4. Bethlehem, J. (2009), Applied Survey Methods: A Statistical Perspective,  Wiley.  5. Uwe Flick (2012), Introducing Research Methodology: A Beginner's Guide to Doing a Research Project, Sage Publications.  6. S.P.Gupta (2012), Statistical Methods, 42nd edition, Sultan chand and sons.  7. Ranjit Kumar (2014), Research Methodology: A Step-by-Step Guide for  Beginners, 4th Edition, Sage Publications. |

**Course Pre-requisites**

|  |  |  |  |
| --- | --- | --- | --- |
| C code | Course Name | Description | Sem./ Standard |
| CCECO II | Economics | Statistical Methods | I Sem. |

**Course objectives**

1. To develop the understanding of the basic concept of research.
2. To develop the understanding of the basic framework of sampling and data collection.
3. To develop the understanding of various sampling methods and techniques.
4. To identify various sources of information for data collection.
5. To develop the understanding of the conducting survey on various issues.

**Course outcome**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Description** | **Bloms’ Taxonomy level** |
| SEC II.1 | Students will be able to identify the steps of research | 2 |
| SEC II.2 | Students will be able to state and explain the sampling techniques. | 1,2 |
| SEC II.3 | Students will be able to state primary and secondary data and use of appropriate sampling techniques for research | 1,3 |
| SEC II.4 | Students will be able to collect primary data from respondents sketch graphical presentation of data | 4 |
| SEC II.5 | Students will be able to use tabulation techniques for data presentation and analyzed it | 3,4 |
| SEC II.6 | Students will be able to state the sources of primary and secondary data. | 1 |

Pratibha Niketan Mahavidyalaya, Nanded

**Course and programme outcome**

|  |  |
| --- | --- |
| **Programme : Bachelor of Arts** | **Degree: B.A.** |
| **Course : Economics** | **Semester - IV** |
| **Course code: ECO VIII** | **Course type: Core** |
| **Course area : Statistical Methods** | **Contact Hours 3H : 20M hours per week** |

**Syllabus**

|  |  |  |
| --- | --- | --- |
| Unit | Details | Hours |
| **Unit – I** | **Measures of Dispersion**  A) Meaning of Dispersion.  B) **Range:** Calculation of Range.  C) **Quartile Deviation:** Calculation of Quartile Deviation & its Co-efficient.  D) **Standard Deviation :** Calculation of Standard Deviation & its Co-efficient. | 20 |
| **Unit – II** | **Correlation**  A) Meaning, Types and Significance of Correlation.  B) Graphical Method of calculating Correlation.  C) Simple Correlation: Karl Pearson’s method. | 15 |
| **Unit – III** | **Index Number**  A) Meaning , Types and Significance of Index Number  B) Construction of Index Number.  C) Laspeyres, Paasche and Fisher’s Methods of Constructing Index Number. | 20 |
|  | Total Hours | 55 |

**Text/Reference books**

|  |  |
| --- | --- |
| T/R | Book Title/ Authors/ Publication |
| R | 1. Croxfon, F.E., Cowden D.J. and Kleins (1973), Applied General Statistics,  Prentice Hall, New Delhi.  2. Allen, R.G.D. (1974), Mathematical Analysis for Economists, MacMillan  Press, London.  3. Speigal, M.R. (1992), Theory and problems of statistics, McGraw Hill  Book, London.  4. Gupta, S.C. and Kapoor V.K. (1993), Fundamentals and Applied Statistics,  Chand and Sons, New Delhi.  5. Gupta S. P. (2009), Statistical Methods, Sultan Chand & Sons, New Delhi. |

**Course Pre-requisites**

|  |  |  |  |
| --- | --- | --- | --- |
| C code | Course Name | Description | Sem./ Standard |
|  | HSC | Economics | 12th |

**Course objectives**

1. To instill the basic ideas of Statistics among the students.

2. To study the measurement of Dispersion.

3. To explain the significance of Correlation.

4. To Study the significance of Index Number.

5. To teach the methods of constructing Index Number.

**Course outcome**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Description** | **Bloms’ Taxonomy level** |
| ECO VIII.1 | Students will be able to sketch frequency curve | 3 |
| ECO VIII.2 | Students will be able to solve index number examine it | 4,3 |
| ECO VIII.3 | Students will be able to identify and explain the correlation between two variables | 2 |
| ECO VIII.4 | Students will be able to investigate measure of dispersion from center tendency | 6 |

Pratibha Niketan Mahavidyalaya, Nanded

**Course and programme outcome**

|  |  |
| --- | --- |
| **Programme : Bachelor of Arts** | **Degree: B.A.** |
| **Course : Economics** | **Semester - V** |
| **Course code: SEC ECO III** | **Course type: Skill** |
| **Course area : Financial Inclusion and Financial Literacy** | **Contact Hours 2H : 30M hours per week** |

**Syllabus**

|  |  |  |
| --- | --- | --- |
| Unit | Details | Hours |
| **Unit – I** | **Financial Inclusion:**  Meaning, Definitions, Importance and Merits and Demerits,  Financial inclusion in India, Jan Dhan Yojana, Pradhan Mantri Suraksha Bima Yojana (PMSBY), Pradhan Mantri Jeevan Jyoti Bima Yojana (PMJJBY). | 10 |
| **Unit – II** | **Financial Literacy:**  Meaning, Definitions, Importance and Merits and Demerits,  Financial Planning, Goal Setting, Risks Vs Returns, The Power  of Compounding | 10 |
| **Unit – III** | **Saving and Investment:**  **a) Saving :**  Meaning, Definitions, Importance, Sources of Savings.  Role of Saving in Indian Economy.  **b) Investment:**  Meaning, Definitions, Importance, Types of Investment,  Role of Investment in Indian Economy. | 10 |
|  | Total Hours | 30 |

**Text/Reference books**

|  |  |
| --- | --- |
| T/R | Book Title/ Authors/ Publication |
| R | 1. Schumpeter J.A. (1934), The Theory of Economic Development,  Harvard University Press Cambridge.  2.. Lewis W. Arthur (1954), Economic Development with Unlimited Supply of  Labour, the Manchaster School.  3. Jhingan M.L. (1973),The Economic of Development and Planning,  Vikas Publishing House, New Delhi.  4. Misra S.K., Puri V.K. (XIV Edition 2012), Economics of Development  and Planning, Himalaya Publishing House, New Delhi  5. M.S. Sriram (2015) edited - Talking Financial Inclusion in Liberalised  India: Conversations with Governors of the Reserve Bank of India.  6. K.G. Karmakar, G.D. Banerjee and N.P. Mohapatra ( 2011): Towards  Financial Inclusion in India, Sage Publishers, New Delhi.  7. Alliance for Financial Inclusion. (2010). “Consumer Protection:  Leveling the Playing Field in Financial Inclusion” Bankok, Thailand.  8. Bhole L.M.(2004), Financial Institutions and Markets, 4th Edition Tata  McGraw-Hill, New Delhi.  9. Sobhesh Kumar Agarwalla, Samir k. Barua,Joshy Jacob,Jayanth  R.Varma,(2013) “Financial Literacy among working Young in Urban  India” Indian Institute of Management, Ahmedabad, India.  10. Report based on the studies undertaken under Financial Inclusion  Project of UNDP, (2012), “Financial Literacy as a tool for Financial  Inclusion & ClientProtection.” United Nations Development Programme  New Delhi. |

**Course Pre-requisites**

|  |  |  |  |
| --- | --- | --- | --- |
| C code | Course Name | Description | Sem./ Standard |
| ECO V | Economics | Macro Economics | III Sem. |

**Course objectives**

To develop the understanding of the basic concept of financial inclusion and financial literacy.

1. To develop the awareness of saving and investment.
2. To develop the financial activities of students.
3. To develop the financial literacy of students
4. To include each and every citizens in process of financial inclusion.

**Course outcome**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Description** | **Bloms’ Taxonomy level** |
| SEC ECO III.1 | Students will be able to know the importance of financial inclusion scheme and they will support financial inclusion scheme of government of India. | 5 |
| SEC ECO III.2 | Students will be able to distinguish between investment and saving and they will know the importance of saving | 1,4 |
| SEC ECO III.3 | Students will be able to listed government scheme related to financial inclusion describe them. | 1,2 |
| SEC ECO III.4 | Students will be able to state the importance and significance of financial inclusion scheme. | 1 |

Pratibha Niketan Mahavidyalaya, Nanded

**Course and programme outcome**

|  |  |
| --- | --- |
| **Programme : Bachelor of Arts** | **Degree: B.A.** |
| **Course : Economics** | **Semester - V** |
| **Course code: GE- ECO I** | **Course type: Core** |
| **Course area : Indian Economy** | **Contact Hours 3H : 20M hours per week** |

**Syllabus**

|  |  |  |
| --- | --- | --- |
| Unit | Details | Hours |
| **Unit – I** | **Nature of Economy**  1.1 Meaning and Types of Economy -Capitalist, Socialist, Mixed, Closed and Open Economy.(In brief)  1.2 Nature and Challenges of Indian Economy -Population, Poverty, Unemployment, Fluctuations in Agricultural commodity Prices, farmers suicides, etc.  1.3 Role of Agriculture, Industry and Service Sectors in Indian Economic Development. ( Sectorial share in GDP, Employment and Growth rates)  1.4 Human Development Index – Concept and Components. | 20 |
| **Unit – II** | **Economic Planning and Infrastructure**  **2.1** Economic Planning – Definition, Meaning, Needs and Objectives. 12th Five Year Plan-Objectives and Achievements  2.2 National Institutions for Transforming India (NITI) Commission – Objectives and Structure.  2.3 Infrastructure – Transport, Energy, Education and Health | 20 |
| **Unit – III** | **Economic Reforms in India : Periods-15**  **3.1** New Economic Reforms – Liberalization, Privatization and Globalization and its Impact on Indian Economy.  3.2 Role of Foreign Capital in Economic Development  3.3 Foreign Direct Investment & Foreign Institutional investment - Meaning and Policy.  3.4 Impact of foreign Capital on Indian Economy (Merits & Demerits). | 15 |
|  | Total Hours | 55 |

**Text/Reference books**

|  |  |
| --- | --- |
| T/R | Book Title/ Authors/ Publication |
| R | 1. Gaurav Datt & Ashwini Mahajan, Datt Sundram’s Indian Economy; S.Chand  and Sons Co.Ltd;New Delhi.  2. Misra S.K.and Puri V.K.;I (Edition 2014) Indian Economy Its Development  Experience, Himalaya Publishing House ,Mumbai.  3. Dhingra Ishwar ( 2006) ;Indian Economy S.Chand and sons Co.Ltd;New  Delhi.  4. Uma Kapil (2013),Indian Economy, Performance and Policies,Acadamic  Foundation,New Delhi.  5. Ahluwalia I J and I.M.D. Little,1(999),Indian Economic Reforms and  Development.  6. Brahmananda R.R. and Panchmukhi V.A.( Edition 2001),Development  Experience in Indian Economy Inter-State Perspectives, Bookwell, Delhi.  16  7. Gupta S. P. (1989),Planning and Development in India; A Critique, Allied  Publishers Pvt.Ltd.,New Delhi.  8. Jha Raghbendra (Ed 2003)Indian Economic Reforms Hampshire,U.K.  9. Chug Ram L. and Uppal J.S. (1985),Black Money in India Tata McGraw Hill,  Sagar Publication New Delhi.  10. Gupta Suraj B.(1992);Black Money in India, Sage Publication, ,New Delhi.  11. Bhagwati Jagdish ,(2004);In Defence of Globalisation, Oxford University  Press U.K.  12. Government of India,Economic Survey 2004-05  13. World Development Report, UNDP. |

**Course Pre-requisites**

|  |  |  |  |
| --- | --- | --- | --- |
| C code | Course Name | Description | Sem./ Standard |
| ECO V | Economics | Macro Economics | III Sem. |

**Course objectives**

1. To expand student’s knowledge about Indian Economy.

2. To let students know more about opportunities offered by Indian Economy.

3. The let students know more about challenges of Indian Economy.

4. To develop assessing capacity of students of economic policies.

5. To develop economic problem solving capacity of students.

**Course outcome**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Description** | **Bloms’ Taxonomy level** |
| GE ECO I.1 | Students will be able to compare the development in difference types of economy in world | 4 |
| GE ECO I.2 | Students will be able to state and examine the economic reforms in India. | 1,4 |
| GE ECO I.3 | Students will be able to develop ideas of the basic characteristics of Indian economy, its potential on natural resources. | 6 |
| GE ECO I.4 | Students will be able to understand the importance, causes and impact of population growth and its distribution, translate and relate them with economic development. | 2 |
| GE ECO I.5 | Students will be able to grasp the importance of planning undertaken by the government of India, have knowledge on the various objectives, failures and achievements as the foundation of the ongoing planning and economic reforms taken by the government. | 1 |
| GE ECO I.6 | Students will be able to understand agriculture as the foundation of economic growth and development, analyze the progress and changing nature of agricultural sector and its contribution to the economy as a whole. | 2,4 |

Pratibha Niketan Mahavidyalaya, Nanded

**Course and programme outcome**

|  |  |
| --- | --- |
| **Programme : Bachelor of Arts** | **Degree: B.A.** |
| **Course : Economics** | **Semester - V** |
| **Course code: DSE-ECO I** | **Course type: Core** |
| **Course area : Quantitative Techniques** | **Contact hours 3H:20M Hours per week** |

**Syllabus**

|  |  |  |
| --- | --- | --- |
| Unit | Details | Hours |
| **Unit – I** | **Measures of Variation**  1. 1 Meaning of Variation:  1.2 Methods of Measuring Variation)  Mean Deviation & its coefficient - Mean Deviation from mean, Mean Deviation from median and Mean Deviation from mode.  ii) Lorenz Curve. | 18 |
| **Unit – II** | **Correlation Analysis**  2.1 Meaning of correlation  2. 2 Types of Correlation- Positive linear correlation, Negative linear correlation, positive nonlinear correlation, Negative nonlinear correlation, simple correlation, multiple correlation & partial correlation.  2.3 Charles Edward spearman’s Rank correlation coefficient - Rank are  given, Rank are not given, Equal Rank;  2.4 Merits and Limitation of Rank correlation method | 18 |
| **Unit – III** | **Regression Analysis**  3.1 Meaning of Regression Analysis.  3.2 Regression Line- Determination of Regression Line with the help of Least Square method- Regression line of x on y and Regression line of y on x. | 19 |
|  | Total Hours | 55 |

**Text/Reference books**

|  |  |
| --- | --- |
| T/R | Book Title/ Authors/ Publication |
| R | 1. Alien, R. G. D. (1974); Mathematical Analysis for Economists,  Macmillan Press London.  2. Gupta, S. C. and Kapoor V. K. (1993) Applied General Statistics;  Prentice Hall; New Delhi.  3. Chiang, A. C. (1986); Fundamental Methods of Mathematical  Economics; ( 3rd Edition); McGraw Hill; New Delhi.  4. Monga, G. S. (1972); Mathematical and Statistics for Economists;  Vikas Publishing House; New Delhi.  5. Speigal, M. R. (1972); Theory and Problems of Statistics:  McGraw Hill Book; London.  6. S. P., Gupta: ‘Statistical Methods’; Sultun Chand and Sons: New Delhi.  7. Pillai and Bagavathi: Statistics; S. Chand and Company Ltd.; New Delhi.  8. ¯ÖÏÖ.¸üÖ´Ö ¤êü¿Ö´Öã Ö, ´Öã»Ö³ÖæŸÖ ÃÖÖÓÛ μÖ úß  9. ›üÖò.¤êü¿Ö ú¸ü, ›üÖò.¤êü¿Ö¯ÖÖÓ›êü, ÃÖÖÓÛ μÖ úß ¯Ö¬¤üŸÖß  10. ›üÖò.×¾ÖÀ¾ÖÖÃÖ ú¤ü´Ö, ÃÖÖÓÛ μÖŸÖß ¯Ö¬¤üŸÖß |

**Course Pre-requisites**

|  |  |  |  |
| --- | --- | --- | --- |
| C code | Course Name | Description | Sem./ Standard |
| ECO IV | Economics | Statistical Methods | IV sem. |

**Course objectives**

1. Student will study the course as a guideline in the general economic affair.

2. Student will use techniques easily in the research of humanities.

3. The course will be useful to the student since the course is best on the techniques of statistics.

**Course outcome**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Description** | **Bloms’ Taxonomy level** |
| DSE-ECO I.1 | Students will be able to state the role of quantitative techniques in the field of business/industry, illustrate different types of equations, and solve equations and variation. | 1,3 |
| DSE-ECO I.2 | Students will be able to state the types of correlation and discuss about them | 1,2 |
| DSE-ECO I.3 | Students will be able to construct the regression line with the help of least square method | 6 |
| DSE-ECO I.4 | Students will be able tocompare the two variable with the help of correlation co-efficient | 3 |
| DSE-ECO I.5 | Students will be able to explain various types of relation between different variable with the help of rank correlation | 2 |
| DSE-ECO I.6 | Students will be able to investigate the dispersion from center value in data | 6 |

Pratibha Niketan Mahavidyalaya, Nanded

**Course and programme outcome**

|  |  |
| --- | --- |
| **Programme : Bachelor of Arts** | **Degree: B.A.** |
| **Course : Economics** | **Semester - VI** |
| **Course code: GE- ECO II** | **Course type: Core** |
| **Course area : Public Finance** | **Contact Hours 3H : 20M hours per week** |

**Syllabus**

|  |  |  |
| --- | --- | --- |
| Unit | Details | Hours |
| **Unit – I** | **Public Finance and Budget :**  1.1 Public Finance - Meaning, Nature, Scope.  1.2 Fiscal Policy – Concept, Objectives and instruments.  1.3 Budget – Meaning, Types and Importance. | 20 |
| **Unit – II** | **Public Revenue and Expenditure**  2.1 Sources of Public Revenue - Union and States.  2.2 Taxation - Concept- (Impact of Tax, Shifting of Tax & Incidence of Tax), Types of Taxes in India, Goods and Services Taxes  2.3 Public Debt – Sources of Public Debt.  2.4 Public Expenditure – Components and causes of increasing public expenditure.  2.5 Deficit Financing – Components and causes of increasing deficits. | 20 |
| **Unit – III** | **Federal Finance**  3.1 Centre - State Financial Relations in India – Fiscal imbalance  3.2 Functions of Finance Commission  3.3 Overview of Recent finance Commission. (Resource transfer from Union to States | 15 |
|  | Total Hours | 55 |

**Text/Reference books**

|  |  |
| --- | --- |
| T/R | Book Title/ Authors/ Publication |
| R | 1. Buchanan J.M. (1970), The Public Finance, Richard D. Irwan, Homewood.  2. Atkinson A.B. and J.E. Silitz (1980), Lectures on Public Economics, Tata  MacGraw Hill, New Delhi.  3. Singh S.K. (1986) Public Finance in Developed and Developing Countries,  S.Chand and Company Ltd. New Delhi.  4. Richard A. Musgrave (1989), Public Finance in theory and practice MacGraw  Hill Book Company, New York.  5. Jha H. (1998), Modern Public Economics, Routledge, London.  6. Mithani D.M. (1997) Money, Banking, International Trade and Public  Finance (10th Edition), Himalaya Publishing House, Mumbai  7. Misra & Puri (2012), Indian Econony (30th Edition) Himalaya Publishing  House, Mumbai. 30  8. Dr. Tyagi B.P., Public Finance, Jai Prakash Nath Pub. Meerat (UP)  9. Mithani D.M. Principles of Public Finance and Fiscal Policy Himalaya  Publishing House, New Delhi.  10. Gaurav Datt & Ashwini Mahajan, Datt Sundram’s Indian Economy; S.Chand and Sons Co.Ltd;New Delhi.  11. Ashuthosh Raravikar, Fiscal Deficit and Inflation in India, Macmillan India  Ltd, New Delhi.  12. Singh S.k., Public Finance in Theory & Practise, S.Chand and Sons  Company Ltd; New Delhi.  13. Bhatia H.L. Public finance. Vikas Publishilg House Pvt.Ltd,Delhi. |

**Course Pre-requisites**

|  |  |  |  |
| --- | --- | --- | --- |
| C code | Course Name | Description | Sem./ Standard |
| GE ECO I | Economics | Indian Economy | V Sem. |

**Course objectives**

1. To introduce financial aspect of Indian Economy.

2. To discuss various concepts of public finance.

3. To analyze tax system of Indian Economy.

4. To know more about imbalance between public revenue and public expenditure.

5. To discuss center and state financial relations in India.

**Course outcome**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Description** | **Bloms’ Taxonomy level** |
| GE-ECO II.1 | Students will be able to understand the sources of finance both public and private, demonstrate the role of government to correct market failures and possible advantage of public financing. | 2,3 |
| GE-ECO II.2 | Students will be able to state the advantages and knowledge of public investments and other government expenditures. Understand the causes of growing public expenditures for various programmes and policies within and outside the country. | 1,2 |
| GE-ECO II.3 | Students will be able to understand the possible burden, benefits and distribution of various types of taxes among various classes of people, know the general trend and impact on general welfare and argue them to suggest good and bad tax system. | 2,5 |
| GE-ECO II.4 | Students will be able to understand the needs of public borrowing from all possible sources to meet necessary public investment/expenditures. Also be alerted to find sources for repayment. | 2 |
| GE-ECO II.5 | Students will be able to deliver effectively the preparation of budget and how they are passed in the house. Understand the changes in size and flexibility of state and central budget along with the role played by Finance | 1,2 |
| GE-ECO II.6 | Students will be able to compare state and center government taxes | 4 |

Pratibha Niketan Mahavidyalaya, Nanded

**Course and programme outcome**

|  |  |
| --- | --- |
| **Programme : Bachelor of Arts** | **Degree: B.A.** |
| **Course : Economics** | **Semester - VI** |
| **Course code: DSE-ECO II** | **Course type: Core** |
| **Course area : Quantitative Techniques** | **Contact Hours 3H : 20M hours per week** |

**Syllabus**

|  |  |  |
| --- | --- | --- |
| Unit | Details | Hours |
| **Unit – I** | **Analysis of skewness Kurtosis & Moments**  1.1 Meaning of Skewness  1.2 Measurement of coefficient of Skewness- Karl Pearson’s method, Dr. Boullley’s Method and Kelly’s Method.  1.3 Meaning of Kurtosis.  1.4 Measurement of Kurtosis.  1.5 Meaning of Moments.  1.6 Measurement of Moments. | 20 |
| **Unit – II** | **Time Series Analysis**  2.1 Meaning of time series.  2.2 Components of time series.  2.3 Importance’s of time series.  2.4 Measurement of secular Trend.  i) Graphical method.  ii) Semi Average method  iii) Moving Average method  iv) Least square method | 20 |
| **Unit – III** | **Index Number**  3.1 Construct the weighted Index Number by Average of Relative  Prices.  3.2 Consumer Price Index Number or cost of living Index Number-  Meaning and Utility.  3.3 Consumer Price Index Number’s Construction method- Family  Budget Method. | 15 |
|  | Total Hours | 55 |

**Text/Reference books**

|  |  |
| --- | --- |
| T/R | Book Title/ Authors/ Publication |
| R | 1. Alien, R. G. D. (1974); Mathematical Analysis for Economists,  Macmillan Press London.  2. Gupta, S. C. and Kapoor V. K. (1993) Applied General Statistics;  Prentice Hall; New Delhi.  3. Chiang, A. C. (1986); Fundamental Methods of Mathematical  Economics; ( 3rd Edition); McGraw Hill; New Delhi.  4. Monga, G. S. (1972); Mathematical and Statistics for Economists;  Vikas Publishing House; New Delhi.  5. Speigal, M. R. (1972); Theory and Problems of Statistics:  McGraw Hill Book; London.  6. S. P., Gupta: ‘Statistical Methods’; Sultun Chand and Sons: New Delhi.  7. Pillai and Bagavathi: Statistics; S. Chand and Company Ltd.; New Delhi. |

**Course Pre-requisites**

|  |  |  |  |
| --- | --- | --- | --- |
| C code | Course Name | Description | Sem./ Standard |
| DSE ECO I | Economics | Quantitative Economics I | V Sem. |

**Course objectives**

1. To study the index of cost of living.

2. To study the Price Index Number.

3. To create the awareness about coefficient of skewness among the students.

**Course outcome**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Description** | **Bloms’ Taxonomy level** |
| DSE-ECO II.1 | Students will be able to analyze the various measures of skewness. | 4 |
| DSE-ECO II.2 | Students will be able to solve moving average and related trend | 3 |
| DSE-ECO II.3 | Students will be able to construct the index number with different types of methods | 6 |
| DSE-ECO II.4 | Students will be able tocompare price of two different good with the help of index number | 4 |
| DSE-ECO II.5 | Students will be able to sketch trend of a production with the help of moving average method | 3 |