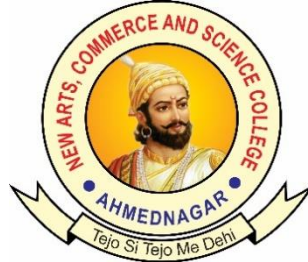


Ahmednagar Jilha Maratha Vidya Prasarak Samaj's  
**New Arts, Commerce, and Science College, Ahmednagar**  
**(Autonomous)**  
**(Affiliated to Savitribai Phule Pune University, Pune)**



**National Education Policy (NEP)**  
**Choice Based Credit System (CBCS)**

**Programme Framework**

**B. A. Economics (Major)**

Implemented from

**Academic Year 2023-24**

Ahmednagar Jilha Maratha Vidya Prasarak Samaj's  
**New Arts, Commerce and Science College, Ahmednagar**  
**(Autonomous)**

**Board of Studies in Economics**

| Sr. No. | Name                  | Designation              |
|---------|-----------------------|--------------------------|
| 1.      | Dr. Undre B. D.       | Chairman                 |
| 2.      | Dr. Thakur B. P.      | Member                   |
| 3.      | Dr. Waghmare S. M.    | Member                   |
| 4.      | Dr. Kakade V.B.       | Academic Council Nominee |
| 5.      | Dr. Deshmukh P.V.     | Academic Council Nominee |
| 6.      | Dr. Rasal R. G.       | Vice-Chancellor Nominee  |
| 7.      | Dr. Kale S. B.        | Alumni                   |
| 8.      | Mr. Pargaonkar Arvind | Industry Expert          |

**1. Prologue/ Introduction of the programme: At least one page**

The proposed curriculum intends to enhance the existing syllabus, make it contextual as well as applicable, and incorporate all the latest changes in the national economy. The board examined the shortcomings of the existing syllabus and expressed the need to change it. While doing so, the board analyzed other curricula of existing colleges in respective subjects in terms of content, relevance, quality, and pattern of teaching that has been synthesized in the present proposal. While framing the draft of the syllabus, guidance from industry experts and professionals were taken.

The present era is that of structural transformation, especially within the country. Moreover, the fast-changing international scenario and approach of other countries towards our human resource makes it mandatory for the educational system to impart the latest knowledge to our students. They are prepared to merge themselves in the challenging economic and corporate environment. Hence, a change in the paper and restructuring of the syllabus becomes imperative. The syllabus needs to be holistic. It should be contextual and clear the basics of economics but also teach application of the theories in day-to-day life. In the modern world, competition is an

inseparable part of our lives. To inculcate a competitive spirit among the students, the syllabus should include all the recent advancements within and out of the country with their pros and cons.

## 2. Programme Outcomes (POs)

Students enrolled in the program complete a curriculum that exposes and trains students in a full range of essential skills and abilities. In addition, they will have the opportunity to bachelor the following objectives.

1. To familiarize the students with the recent developments in the Indian economy.
2. To provide the students with the background of the Indian economy with a focus
3. on contemporary issues like the economic environment.
4. To help the students to prepare for varied competitive examinations.
5. To enable students to understand and comprehend the current business scenario, agricultural scenario, and other sectorial growth in the Indian context.
6. To make the student aware of the developments MSMEs, Digital Economy etc.

### Credit Distribution: B. A. Economics (Major) including Minor and OE and other courses.

|                      | Type of Courses                               | III Yr     | IV Yrs (Honours) | IV Yrs Research |
|----------------------|---|------------|------------------|-----------------|
| <b>Major Marathi</b> | Discipline-Specific Courses (DSC)             | 46         | 74               | <b>66</b>       |
|                      | Discipline Specific Elective (DSE)            | 08         | 16               | <b>16</b>       |
|                      | Skill Enhancement Courses (SEC)               | 06         | 06               | <b>06</b>       |
|                      | Vocational Skill Courses (VSC)                | 08         | 08               | <b>08</b>       |
|                      | On-Job Training (OJT)                         | 04         | 08               | <b>04</b>       |
|                      | Field Project (FP)                            | 04         | 04               | <b>04</b>       |
|                      | Community Engagement and Service (CEP)        | 02         | 02               | <b>02</b>       |
|                      | Research project                              | 00         | 00               | <b>12</b>       |
|                      | Research Methodology                          | 00         | 04               | <b>04</b>       |
|                      | Indian Knowledge System                       | 02         | 02               | <b>02</b>       |
|                      | <b>Total (I, II and III Year)</b>             | <b>80</b>  | <b>124</b>       | <b>124</b>      |
| <b>Minor</b>         | Minor   | 20         | 20               | <b>20</b>       |
| <b>Other Courses</b> | Open Elective (OE)/ Multidisciplinary Courses | 12         | 12               | <b>12</b>       |
|                      | Co-Curricular Courses                         | 08         | 08               | <b>08</b>       |
|                      | Ability Enhancement Courses                   | 08         | 08               | <b>08</b>       |
|                      | Value Education Courses                       | 04         | 04               | <b>04</b>       |
|                      | <b>Total</b>                                  | <b>132</b> | <b>176</b>       | <b>176</b>      |

**B. A. Programme Framework: Credit Distribution**

|  |      |     | DSC | DSE | SEC   | VSC | FP/<br>OJT<br>/IN/CEP | IKS |    |    |   |    |    |    |    |
|--|------|-----|-----|-----|-------|-----|-----------------------|-----|----|----|---|----|----|----|----|
| I  | I    | 4.5 | 06  | -   | 02    | -   | -                     | 02  | 03 | 03 | - | 02 | 02 | 02 | 22 |
| I  | II   | 4.5 | 06  | -   | 02    | 02  | -                     | -   | 03 | 03 | - | 02 | 02 | 02 | 22 |
| Exit Option: Award of UG Certificate in Major with 44 credits and an additional 4 credit core NSQF course /Internship or Continue with Major and Minor |      |     |     |     |       |     |                       |     |    |    |   |    |    |    |    |
| II   | III  | 5.0 | 08  | -   | 02    | -   | FP-02                 | -   | 03 | 03 | - | 02 | 02 | -  | 22 |
| II   | IV   | 5.0 | 08  | -   | 00    | 02  | CEP-02                | -   | 03 | 03 | - | 02 | 02 | -  | 22 |
| Exit Option: Award of UG Diploma in Major with 88 credits and an additional 4 credit core NSQF course /Internship or Continue with Major and Minor     |      |     |     |     |       |     |                       |     |    |    |   |    |    |    |    |
| III  | V    | 5.5 | 10  | 04  | -     | 02  | FP-02                 | -   | 04 | -  | - | -  | -  | -  | 22 |
| III  | VI   | 5.5 | 08  | 04  | -     | 02  | OJT-04                | -   | 04 | -  | - | -  | -  | -  | 22 |
| Exit Option: Award of 3-Yr UG Degree in Major and Minor with 132 credits or continue with Major for a 4-year Degree                                    |      |     |     |     |       |     |                       |     |    |    |   |    |    |    |    |
| IV   | VII  | 6.0 | 14  | 04  | RM:04 | -   | -                     | -   | -  | -  | - | -  | -  | -  | 22 |
| IV   | VIII | 6.0 | 14  | 04  | -     | -   | OJT-04                | -   | -  | -  | - | -  | -  | -  | 22 |
| 4-Yr UG Degree (Honours) with Major and Minor with 176 credits   |      |     |     |     |       |     |                       |     |    |    |   |    |    |    |    |
| IV   | VII  | 6.0 | 10  | 04  | RM:04 | -   | RP-04                 | -   | -  | -  | - | -  | -  | -  | 22 |
| IV   | VIII | 6.0 | 10  | 04  | -     | -   | RP-08                 | -   | -  | -  | - | -  | -  | -  | 22 |
| 4-Yr UG Degree (Honours with Research) with Major and Minor with 176 credits   |      |     |     |     |       |     |                       |     |    |    |   |    |    |    |    |

**B.A Programme Framework: Course Distribution**

| Year   | Semester | Level | Major |     |       |     |                   |     | Minor | OE | CC | AEC | VEC | Total |
|--|----------|-------|-------|-----|-------|-----|-------------------|-----|-------|----|----|-----|-----|-------|
|  |          |       | DSC   | DSE | SEC   | VSC | FP/OJT<br>/IN/CEP | IKS |       |    |    |     |     |       |
| I  | I        | 4.5   | 02    | -   | 01    | -   | -                 | 01  | 01    | 01 | 01 | 01  | 01  | 09    |
| I  | II       | 4.5   | 02    | -   | 01    | 01  | -                 | -   | 01    | 01 | 01 | 01  | 01  | 09    |
| Exit Option: Award of UG Certificate in Major with 44 credits and an additional 4 credit core NSQF Course /Internship or Continue with Major and Minor |          |       |       |     |       |     |                   |     |       |    |    |     |     |       |
| II   | III      | 5.0   | 03    | -   | 01    | -   | 01                | -   | 01    | 01 | 01 | 01  | -   | 09    |
| II   | IV       | 5.0   | 03    | -   | -     | 01  | 01                | -   | 01    | 01 | 01 | 01  | -   | 09    |
| Exit Option: Award of UG Diploma in Major with 88 credits and an additional 4 credit core NSQF Course /Internship or Continue with Major and Minor     |          |       |       |     |       |     |                   |     |       |    |    |     |     |       |
| III  | V        | 5.5   | 03    | 01  | -     | 01  | 01                | -   | 01    | -  | -  | -   | -   | 07    |
| III  | VI       | 5.5   | 02    | 01  | -     | 01  | 01                | -   | 01    | -  | -  | -   | -   | 06    |
| Exit Option: Award of 3-Yr UG Degree in Major and Minor with 132 credits or continue with Major for a 4-year Degree                                    |          |       |       |     |       |     |                   |     |       |    |    |     |     |       |
| IV   | VII      | 6.0   | 04    | 01  | RM:01 | -   | -                 | -   | -     | -  | -  | -   | -   | 06    |
| IV   | VIII     | 6.0   | 04    | 01  | -     | -   | 01                | -   | -     | -  | -  | -   | -   | 06    |

| 4-Yr UG Degree (Honours) with Major with 176 credits               |      |     |    |    |       |   |    |   |   |   |   |   |    |
|--|------|-----|----|----|-------|---|----|---|---|---|---|---|----|
| IV   | VII  | 6.0 | 03 | 01 | RM:01 | - | 01 | - | - | - | - | - | 06 |
| IV   | VIII | 6.0 | 03 | 01 | -     | - | 01 | - | - | - | - | - | 05 |
| 4-Yr UG Degree (Honours with Research) with Major with 176 credits |      |     |    |    |       |   |    |   |   |   |   |   |    |

**Programme Framework (Course Distribution): B. A. Economics (Major)**

| Year | Semester | Level | Major |     | SEC   | VSC | FP/OJT<br>/IN/CEP | IKS |
|------|----------|-------|-------|-----|-------|-----|-------------------|-----|
|      |          |       | DSC   | DSE |       |     |                   |     |
| I    | I        | 4.5   | 02    | 00  | 01    | 00  | 00                | 01  |
| I    | II       | 4.5   | 02    | 00  | 01    | 01  | 00                | -   |
| II   | III      | 5.0   | 03    | 00  | 01    | 00  | FP-01             | -   |
| II   | IV       | 5.0   | 03    | 00  | 00    | 01  | CEP-01            | -   |
| III  | V        | 5.5   | 03    | 01  | 00    | 01  | FP-01             | -   |
| III  | VI       | 5.5   | 02    | 01  | 00    | 01  | OJT-01            | -   |
| IV   | VII      | 6.0   | 04    | 01  | RM:01 | 00  | -                 | -   |
| IV   | VIII     | 6.0   | 04    | 01  | 00    | 00  | OJT-01            | -   |
| IV   | VII      | 6.0   | 03    | 01  | RM:01 | 00  | RP-01             | -   |
| IV   | VIII     | 6.0   | 03    | 01  | 00    | 00  | RP-01             | -   |

**Programme Framework (Credit Distribution): B. A. Economics (Major)**

| Year   | Semester | Level | Major |     |       |     |                   |    | IKS |
|--|----------|-------|-------|-----|-------|-----|-------------------|----|-----|
|  |          |       | DSC   | DSE | SEC   | VSC | FP/OJT<br>/IN/CEP |    |     |
| I  | I        | 4.5   | 06    | 00  | 02    | 00  | 00                | 02 |     |
| I  | II       | 4.5   | 06    | 00  | 02    | 02  | 00                | -  |     |
| Exit Option: Award of <b>UG Certificate</b> with 44 credits and an additional 4 credit core NSQF course /Internship or Continue with Major and Minor |          |       |       |     |       |     |                   |    |     |
| II   | III      | 5.0   | 08    | 00  | 02    | 00  | FP-02             | -  |     |
| II   | IV       | 5.0   | 08    | 00  | 00    | 02  | CEP-02            | -  |     |
| Exit Option: Award of <b>UG Diploma</b> with 88 credits and an additional 4 credit core NSQF course /Internship or Continue with Major and Minor     |          |       |       |     |       |     |                   |    |     |
| III  | V        | 5.5   | 10    | 04  | 00    | 02  | FP-02             | -  |     |
| III  | VI       | 5.5   | 08    | 04  | 00    | 02  | OJT-04            | -  |     |
| Exit Option: Award of UG Degree in Major and Minor with 132 credits or continue with a Major for 4-year Degree with honours or honours with research |          |       |       |     |       |     |                   |    |     |
| IV   | VII      | 6.0   | 14    | 04  | RM:04 | 00  | 00                | -  |     |
| IV   | VIII     | 6.0   | 14    | 04  | 00    | 00  | OJT-04            | -  |     |
| 4-year Degree (Honours)  |          |       |       |     |       |     |                   |    |     |
| IV   | VII      | 6.0   | 10    | 04  | RM:04 | 00  | RP-04             | -  |     |
| IV   | VIII     | 6.0   | 10    | 04  | 00    | 00  | RP-08             | -  |     |
| 4-year Degree (Honours with Research)  |          |       |       |     |       |     |                   |    |     |

**Programme Framework (Courses and Credits): B. A. Economics (Major)**

| Sr. No. | Year | Semester | Level | Course Type | Course Code | Title                                   | Credits |
|---------|------|----------|-------|-------------|-------------|---|---------|
| 1.      | I    | I        | 4.5   | DSC-1       | BA-EC111T   | Indian Economic Environment-I           | 03      |
| 2.      | I    | I        | 4.5   | DSC-2       | BA-EC112T   | Indian Economy-I                        | 03      |
| 3.      | I    | I        | 4.5   | SEC-1       | BA-EC113T   | Agriculture Economics-I                 | 02      |
| 4.      | I    | I        | 4.5   | IKS-1       | BA-EC114T   | Kautilya Arthasastra                    | 02      |
| 5.      | I    | II       | 4.5   | DSC-3       | BA-EC121T   | Indian Economic Environment-II          | 03      |
| 6.      | I    | II       | 4.5   | DSC-4       | BA-EC122T   | Indian Economy-II                       | 03      |
| 7.      | I    | II       | 4.5   | SEC-2       | BA-EC123T   | Agriculture Economics-II                | 02      |
| 8.      | I    | II       | 4.5   | VSC-1       | BA-EC124T   | Statistical Methods-I                   | 02      |
| 9.      | II   | III      | 5.0   | DSC-5       | BA-EC231T   | Micro Economics-I                       | 03      |
| 10.     | II   | III      | 5.0   | DSC-6       | BA-EC232T   | Macro Economics-I                       | 03      |
| 11.     | II   | III      | 5.0   | DSC-7       | BA-EC233T   | Financial System-I                      | 02      |
| 12.     | II   | III      | 5.0   | SEC-3       | BA-EC234T   | Basic Concept of Research Methodology-I | 02      |
| 13.     | II   | III      | 5.0   | FP-01       | BA-EC235T   | Field Project                           | 02      |
| 14.     | II   | IV       | 5.0   | DSC-8       | BA-EC241T   | Micro Economics-II                      | 03      |
| 15.     | II   | IV       | 5.0   | DSC-9       | BA-EC242T   | Macro Economics-II                      | 03      |
| 16.     | II   | IV       | 5.0   | DSC-10      | BA-EC243T   | Financial System-II                     | 02      |
| 17.     | II   | IV       | 5.0   | VSC-2       | BA-EC 244T  | Statistical Methods-II                  | 02      |
| 18.     | II   | IV       | 5.0   | CEP-01      | BA-EC245T   | Community Project                       | 02      |
| 19.     | III  | V        | 5.5   | DSC-11      | BA-EC351T   | Indian Economic Development-I           | 04      |
| 20.     | III  | V        | 5.5   | DSC-12      | BA-EC352T   | International Economics-I               | 04      |
| 21.     | III  | V        | 5.5   | DSC-13      | BA-EC353T   | Business Management                     | 02      |
| 22.     | III  | V        | 5.5   | DSE-01      | BA-EC354T   | Public Finance-I                        | 04      |
| 23.     | III  | V        | 5.5   | VSC-3       | BA-EC355T   | Central Bank and Monetary Policy-I      | 02      |
| 24.     | III  | V        | 5.5   | FP-02       | BA-EC356T   | Field Project                           | 02      |
| 25.     | III  | VI       | 5.5   | DSC-14      | BA-EC361T   | Indian Economic Development-II          | 04      |
| 26.     | III  | VI       | 5.5   | DSC-15      | BA-EC362T   | International Economics-II              | 04      |
| 27.     | III  | VI       | 5.5   | DSE-2       | BA-EC363T   | Public Finance-II                       | 04      |
| 28.     | III  | VI       | 5.5   | VSC-4       | BA-EC364T   | Central Bank and Monetary Policy-II     | 02      |
| 29.     | III  | VI       | 5.5   | OJT-01      | BA-EC365T   | On Job Training                         | 04      |

**B. A. Economics (Honours)**

|     |    |      |     |        |               |   |    |
|-----|----|------|-----|--------|---------------|---|----|
| 30. | IV | VII  | 6.0 | DSC-16 | BA-EC471T     | Micro Economic Analysis-I               | 04 |
| 31. | IV | VII  | 6.0 | DSC-17 | BA-EC472T     | Public Economics-I                      | 04 |
| 32. | IV | VII  | 6.0 | DSC-18 | BA-EC473T     | International Trade                     | 04 |
| 33. | IV | VII  | 6.0 | DSC-19 | BA-EC474T     | Quantitative Techniques in Economics-I  | 02 |
| 34. | IV | VII  | 6.0 | DSE-03 | BA-EC475T (A) | Rural Economics                         | 04 |
| 35. | IV | VII  | 6.0 | DSE-03 | BA-EC475T (B) | Rural Economics                         | 04 |
| 36. | IV | VII  | 6.0 | RM-01  | BA-EC476T     | Research Methodology                    | 04 |
| 37. | IV | VIII | 6.0 | DSC-20 | BA-EC481T     | Micro Economic Analysis-II              | 04 |
| 38. | IV | VIII | 6.0 | DSC-21 | BA-EC482T     | Public Economics-II                     | 04 |
| 39. | IV | VIII | 6.0 | DSC-22 | BA-EC483T     | International Finance                   | 04 |
| 40. | IV | VIII | 6.0 | DSC-23 | BA-EC484T     | Quantitative Techniques in Economics-II | 02 |
| 41. | IV | VIII | 6.0 | DSE-04 | BA-EC485T     | Labour Economics                        | 04 |
| 42. | IV | VIII | 6.0 | OJT-02 | BA-EC486T     | On Job Training                         | 04 |

**B. A. Economics (Honours with Research)**

|     |    |      |     |        |           |                             |    |
|-----|----|------|-----|--------|-----------|-----------------------------|----|
| 1.  | IV | VII  | 6.0 | DSC-16 | BA-EC471T | Macro Economics Analysis-I  | 04 |
| 2.  | IV | VII  | 6.0 | DSC-17 | BA-EC472T | Growth and Development-I    | 04 |
| 3.  | IV | VII  | 6.0 | DSC-18 | BA-EC473T | Industrial Economics        | 02 |
| 4.  | IV | VII  | 6.0 | DSE-03 | BA-EC475T | Demography                  | 04 |
| 5.  | IV | VII  | 6.0 | RM-01  | BA-EC476T | Research Methodology        | 04 |
| 6.  | IV | VII  | 6.0 | RP-01  | BA-EC477T | Research Project            | 04 |
| 7.  | IV | VIII | 6.0 | DSC-19 | BA-EC481T | Macro Economics Analysis-II | 04 |
| 8.  | IV | VIII | 6.0 | DSC-20 | BA-EC482T | Growth and Development-II   | 04 |
| 9.  | IV | VIII | 6.0 | DSC-21 | BA-EC483T | History of Economic Thought | 02 |
| 10. | IV | VIII | 6.0 | DSE-04 | BA-EC485T | Economics of Environment    | 04 |
| 11. | IV | VIII | 6.0 | PR-02  | BA-EC486T | Project Report              | 08 |

**Ahmednagar Jilha Maratha Vidya Prasarak Samaj's**  
**New Arts, Commerce and Science College, Ahmednagar**  
**(Autonomous)**  
**Syllabus**  
**B. A. Economics (Major)**

| <b>Title of the Course: Indian Economic Environment-I</b> |             |                     |           |                    |                |                |     |       |
|---|-------------|---------------------|-----------|--------------------|----------------|----------------|-----|-------|
| <b>Year: I</b>  |             |                     |           | <b>Semester: I</b> |                |                |     |       |
| Course Type   | Course Code | Credit Distribution |           | Credits            | Allotted Hours | Allotted Marks |     |       |
|   |             | Theory              | Practical |                    |                | CIE            | ESE | Total |
| DSC-1   | BA-EC111T   | 03                  | 00        | 03                 | 45             | 30             | 70  | 100   |

**Learning Objectives:**

1. To ability to develop an understanding of the Factors affecting Economic Environment.
2. To ability to develop an understanding of the Challenges to Indian Agriculture.
3. To ability to develop an understanding of the Industrial Policy.

**Course Outcomes (Cos)**

1. Ability to develop an understanding of the economic environment and the factors affecting Economic Environment.
2. Ability to develop an understanding of the challenges facing the Indian Economic Environment.
3. Ability to develop awareness on the various new developments in the different sectors of an economy – Agriculture, Industry, Services, Banking Sector. etc.
4. Ability to compare and contrast Indian economy with other world economies.
5. The student should be able discuss and debate on the various issues of Indian Economic Environment

**Detailed Syllabus:****Unit 1 Introduction****15**

- 1.1 Meaning, Factors affecting Economic Environment- Economic, Political, Technological, Social and Cultural, Importance of Economic Environment
- 1.2 Challenges to Indian Economy: Natural Resources, Energy Resources, Education, Health, Environment
- 1.3 Comparison of Indian Economy with the World Economy- Population, Agriculture, Industry and Service Sector



|               |  |           |
|---------------|--|-----------|
| <b>Unit 2</b> | <b>Agricultural Environment</b>  | <b>15</b> |
| 2.1           | Role of Agriculture in Indian Economy  |           |
| 2.2           | Challenges to Indian Agriculture- Productivity, Rural Credit, Marketing, Rural Entrepreneurship  |           |
| 2.3           | Recent Trends in Indian Agriculture: Merits of Cropping Pattern, Technology, Crop Insurance- Merits and Demerits, New Methods of Water Management, Types of Agri-Business- Merits and Demerits, Organic Farming- Benefits and Drawbacks  |           |
| <b>Unit 3</b> | <b>Industrial Environment</b>  | <b>15</b> |
| 3.1           | Industrial Policy Resolution 1991, Recent Industrial Policy-2020, Liberalization-Meaning, Definition, Merits and Demerits, Privatization-Meaning, Definition, Merits and Demerits, and Globalization - Meaning, Definition, Merits and Demerits, Special Economic Zone (SEZ)- Meaning and Features |           |
| 3.2           | Role of Industry in Indian Economic Development  |           |
| 3.3           | Challenges to Indian Industry - Labour and Employment, Regional Imbalance, Finance, Technology   |           |
| 3.4           | Micro, Small and Medium Enterprises (MSME) - Definition and Role   |           |
| 3.5           | Multinational Company- Meaning and Features  |           |

**Suggested Readings/Material:**

1. Agrawal A.N.: Problems of Development & Planning, (Latest Edition)
2. Ashwani Mahajan: 'Indian Economy' S. Chand & Company Ltd., New Delhi.
3. Cherunilam Francis: 'Business Environment-Text and Cases' Himalaya Publishing House (Latest Edition)
4. Faisal Ahmed 'Business Environment: Indian and Global Perspective' PHL Learning Pvt. Ltd. (Latest Edition)
5. Fernando A.C. (2014) 'Business Environment' Pearson Education,
6. Misra & Puri: 'Business Environment', Himalaya Publication House, Mumbai. (Latest Edition)
7. Misra & Puri : 'Indian Economy', Himalaya Publication House, Mumbai. (Latest Edition)

**Recommended Reading List:**

1. Asian Development Bank: (2009) 'Urban Poverty in India' BS Books

2. Amit Kumar: (2013) 'SMEs in India in post-1990s Era: Challenges and Opportunities, LAP Lambert Academic Publishing
3. Das Keshab: (2011) 'Micro and Small Enterprises in India: The Era of Reforms' Routledge India
4. Gopal and Suman Banhri: (2013) Indian Economy Performance and Policies. Pearson Publication Delhi.
5. **C.S.Prasad** (2006): 'Sixty years of Indian Agriculture New Century Publication, New Delhi.

**Ahmednagar Jilha Maratha Vidya Prasarak Samaj's**  
**New Arts, Commerce and Science College, Ahmednagar**  
**(Autonomous)**  
**Syllabus**  
**B. A. Economics (Major)**

| Title of the Course: Indian Economy-I |             |                     |           |             |                |                |     |       |
|---------------------------------------|-------------|---------------------|-----------|-------------|----------------|----------------|-----|-------|
| Year: I                               |             |                     |           | Semester: I |                |                |     |       |
| Course Type                           | Course Code | Credit Distribution |           | Credits     | Allotted Hours | Allotted Marks |     |       |
|                                       |             | Theory              | Practical |             |                | CIE            | ESE | Total |
| DSC-2                                 | BA-EC112T   | 03                  | 00        | 03          | 45             | 30             | 70  | 100   |

**Learning Objectives:**

1. To ability to develop an understanding of types of Economy.
2. To ability to develop an understanding of National Income.
3. To ability to develop an understanding of Human Development Indicators and Sustainable Development.

**Course Outcomes (Cos)**

1. Ability to analyze and evaluate the subject to various aspects of Indian Economy.
2. Ability to develop an understanding Types of Economy.
3. Ability to develop an understanding Meaning and Importance of National Income.
4. Ability to develop an understanding Economic Growth, Economic Development and Human Development Indicators
5. Ability to develop an understanding Sustainable Development.

**Detailed Syllabus:**

|               |   |           |
|---------------|---|-----------|
| <b>Unit 1</b> | <b>Introduction</b>                       | <b>11</b> |
| 1.1           | Meaning of Economy                        |           |
| 1.2           | Types of Economy                          |           |
| 1.2.1         | Capitalistic Economy-Meaning and Features |           |
| 1.2.2         | Socialist Economy-Meaning and Features    |           |
| 1.2.3         | Mixed Economy-Meaning and Features        |           |
| 1.3           | Sectors of Economy                        |           |
| 1.3.1         | Types of Economy by Occupation            |           |

|               |   |           |
|---------------|---|-----------|
| 1.3.2         | Types of Economy by Ownership   |           |
| 1.4           | Meaning and Characteristics of Developed Economy                              |           |
| 1.5           | Meaning and Characteristics of Developing Economy                             |           |
| <b>Unit 2</b> | <b>National Income</b>  | <b>12</b> |
| 2.1           | Meaning and Importance of National Income                                     |           |
| 2.2           | 2.2 Concepts:   |           |
| 2.2.1         | Gross National Product (GNP )   |           |
| 2.2.2         | Net National Product ( NNP)   |           |
| 2.2.3         | Gross Domestic Product (GDP)  |           |
| 2.2.4         | Per Capita Income ( PCI )   |           |
| 2.2.5         | Personal Income ( PI )  |           |
| 2.2.6         | Disposable Income ( DI )  |           |
| 2.2.7         | Concept of GDP Deflator   |           |
| 2.3           | Measurement of National Income Methods and Difficulties                       |           |
| 2.4           | Circular Flow of Income: Two Sector Model                                     |           |
| <b>Unit 3</b> | <b>Economic Growth, Economic Development and Human Development Indicators</b> | <b>12</b> |
| 3.1           | Economic Growth- Meaning and Indicators                                       |           |
| 3.2           | Economic Development- Meaning and Indicators                                  |           |
| 3.3           | Human Development Indicators  |           |
| 3.3.1         | Human Development Index (HDI)   |           |
| 3.3.2         | Inequality-Adjusted Human Development Index (IHDI)                            |           |
| 3.3.4         | Gender Development Index (GDI)  |           |
| 3.3.5         | Gender Inequality Index (GII)   |           |
| 3.3.6         | Multi-Dimensional Poverty Index (MPI)   |           |
| 3.4           | Concept of Inclusive Growth   |           |
| <b>Unit 4</b> | <b>Sustainable Development</b>  | <b>10</b> |
| 4.1           | Meaning of Sustainable Development  |           |
| 4.2           | Origin of Sustainable Development   |           |
| 4.3           | Pillars of Sustainable Development  |           |
| 4.5           | Sustainable Development Goals (SDGs)  |           |
| 4.6           | Millennium Development Goals (MDGs)   |           |

**Suggested Readings/Material:**

1. Gaurav Datta Ashwani Mahajan (2012), Indian Economy. S. Chand & Company Ltd., New Delhi.
2. Misra & Puri - (2011) Indian Economy, Himalaya Publication house, Mumbai.
3. Gopal and Suman Banhri (2013) Indian Economy Performance and Policies. Pearson Publication Delhi.
4. Prakesh B.A. (2011) The Indian Economy Since 1991 Economic Reforms and performance, Pearson Publication Delhi.
5. Tandon - Indian Economy.
6. Dhar P.K., Indian Economy.
7. Agrawal A.N., Problems of Development & Planning.
8. Memoria C.B. Agricultural Problems of India, Kitab Mahal Publication. Kitab mahal, New Dehli.
9. Dr. Datir R.K. And others Bharatiya Arthvyavastha- 5th Edition 2012, Nirali prakashan Pune.
10. Jalan B.,The Indian Economy Problem and prospectus, Viking, New Dehli
11. Planning Commission (2007), Eleven Five Year Plan (2007-12).
12. Govt. of India – Economic Survey.

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**New Arts, Commerce and Science College, Ahmednagar**  
**(Autonomous)**  
**Syllabus**  
**B. A. Economics (Major)**

| <b>Title of the Course: Agriculture Economics-I</b> |             |                     |           |                    |                |                |     |       |
|---|-------------|---------------------|-----------|--------------------|----------------|----------------|-----|-------|
| <b>Year: I</b>                                      |             |                     |           | <b>Semester: I</b> |                |                |     |       |
| Course Type   | Course Code | Credit Distribution |           | Credits            | Allotted Hours | Allotted Marks |     |       |
|   |             | Theory              | Practical |                    |                | CIE            | ESE | Total |
| SEC-1   | BA-EC113T   | 02                  | 00        | 02                 | 30             | 15             | 35  | 50    |

**Learning Objectives:**

1. To ability to develop an understanding Role of Agriculture in the Indian Economy.
2. To ability to develop an understanding of Agricultural Productivity.
3. To ability to develop an understanding of Problems and Measures of Agricultural Labour

**Course Outcomes (Cos)**

- 1 Ability to analyze and evaluate the subject to various aspects of Agriculture Economies.
2. Ability to develop an understanding challenges of agriculture.
3. Ability to develop an understanding of Trends in Agricultural Productivity in India.
4. Ability to develop an understanding of Financial Sector Reforms and Rural Credit.
5. Ability to develop an understanding of Agriculture and Price System in India, Agricultural Growth and Rural Development

**Detailed Syllabus:**

|               |   |           |
|---------------|---|-----------|
| <b>Unit 1</b> | <b>Introduction</b>                                       | <b>10</b> |
| 1.1           | Role of Agriculture in the Indian Economy                 |           |
| 1.2           | Nature of Indian Agriculture                              |           |
| 1.3           | Difference between Indian Agriculture and Non-Agriculture |           |
| 1.4           | Agriculture Development under Five-Year Plans             |           |
| 1.5           | Importance of SEZ Policy in Indian Agriculture            |           |

|               |   |           |
|---------------|---|-----------|
| <b>Unit 2</b> | <b>Agricultural Productivity</b>  | <b>10</b> |
| 2.1           | Meaning of Agricultural Productivity  |           |
| 2.2           | Causes of Low Productivity in Agricultural  |           |
| 2.3           | Measures to Improve Agricultural Productivity                                     |           |
| 2.4           | Challenges to Agricultural Productivity– Crop Insurance, Irrigation, Exports etc. |           |
| <b>Unit 3</b> | <b>Agricultural Labour</b>  | <b>10</b> |
| 2.1           | Meaning of Agricultural Labour-   |           |
| 2.2           | Problems and Measures of Agricultural Labour                                      |           |
| 2.3           | Efficiency of Agricultural Labour-Causes and Measures                             |           |
| 2.4           | Impact of Mechanization on Agriculture Labour                                     |           |
| 2.5           | National Employment Guarantee Scheme  |           |

**Suggested Readings/Material:**

1. Subha Reddy :(2008) ‘Agricultural Economics’ OUP
2. Agrawal A.N.(Latest Edition) Indian Economy Problem of Development and Planning
3. Datt R.& K.P.M Sundharm (Latest Edition) Indian Economy, S. Chand & Co.
4. Misra S.K.& V.K.Puri (Latest Edition) Indian Economy, Himalaya Publication House Mumbai.
5. Gulati & Kelley:(1999),‘Trade Liberalization of Indian Agriculture’ OUP
6. Hansra Parumal and Chandrakarn–‘Modernization of Indian Agriculture in the21st Century- Challenges, Opportunity and Strategies’ Concept Publication Co. New Delhi.
8. Johnson P.A Development Issues of Indian Economy (2003) Manan Prakashan
9. Kapila Uma (ed.) Indian Economy Since Independence, Academic Foundation (2003)

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**Syllabus**  
**B. A. Economics (Major)**

| Title of the Course: Kautilya Arthashastra |             |                     |           |             |                |                |     |       |
|--|-------------|---------------------|-----------|-------------|----------------|----------------|-----|-------|
| Year: I                                    |             |                     |           | Semester: I |                |                |     |       |
| Course Type                                | Course Code | Credit Distribution |           | Credits     | Allotted Hours | Allotted Marks |     |       |
|  |             | Theory              | Practical |             |                | CIE            | ESE | Total |
| IKS-1                                      | BA-EC114T   | 02                  | 00        | 02          | 30             | 15             | 35  | 50    |

**Learning Objectives:**

1. To ability to develop an understanding Comparison of urban structure given in Kautilya Arthashastra and Samrangana Sutradhar..
2. To ability to develop an understanding of Methods of irrigating fields during Kautilya
3. To ability to develop an understanding of Uses of Metals and Wages in Kautilya Arthashastra.

**Course Outcomes (Cos)**

1. Ability to analyze and evaluate the subject to Kautilya Arthashastra.
2. Ability to develop an understanding Urban Planning in Kautilya Arthashastra.
3. Ability to develop an understanding Information on Irrigation in Kautilya Arthashastra.
4. Ability to develop an understanding Information about metals in Kautilya Arthashastra.

**Detailed Syllabus:**

|               |   |           |
|---------------|---|-----------|
| <b>Unit 1</b> | <b>Urban Planning in Kautilya Arthashastra</b>            | <b>10</b> |
| 1.1           | Introduction  |           |
| 1.2           | Encouragement for a Village Settlement                    |           |
| 1.3           | Village, City   |           |
| 1.4           | Structure of Houses                                       |           |
| 1.5           | City Gardens and Parks                                    |           |
| 1.6           | Records of Villages and their Structures                  |           |
| 1.7           | Appendix- Comparison of Urban Structure given in Kautilya |           |



|               |  |           |
|---------------|--|-----------|
|               | Arthashastra and Samrangana Sutradhar  |           |
| <b>Unit 2</b> | <b>Information on Irrigation in Kautilya Arthashastra</b>  | <b>12</b> |
| 2.1           | Importance of Horticultural Land   |           |
| 2.2           | Government incentives to undertake Irrigation works  |           |
| 2.3           | Dam and <i>Pat</i> construction works  |           |
| 2.4           | Where should the Dam be built?   |           |
| 2.5           | Canals   |           |
| 2.6           | Rules for Construction of Dams   |           |
| 2.7           | Use of Canal Water   |           |
| 2.8           | Private ownership of Dams and Canals   |           |
| 2.9           | Tax on Pata Water  |           |
| 2.10          | Management of Water and Land   |           |
| 2.11          | Appendix-Rain gauge,<br>Information about some dams built in the 1 <sup>st</sup> and 2 <sup>nd</sup> century<br>Methods of Irrigating Fields during Kautilya |           |
| <b>Unit 3</b> | <b>Information about Metals in Kautilya Arthashastra</b>   | <b>08</b> |
| 3.1           | Introduction   |           |
| 3.2           | How to find Metal Mines  |           |
| 3.3           | Gold   |           |
| 3.4           | Silver   |           |
| 3.5           | Other Metals   |           |
| 3.6           | Uses of Metals and Wages   |           |

**Suggested Readings/Material:**

1. Rajnitik Chintan Kautilya-Hindi Edition, by Kamlesh Chintak Kautilya, 1 January 2009
2. Kautilya's Arthashastra; The Way of Financial Management and Economic Governance by Kautilya and R Shamasastri, 1 June 2010

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**B. A. Economics (Major)**

| <b>Title of the Course: Indian Economic Environment-II</b> |             |                     |           |                     |                |                |     |       |
|--|-------------|---------------------|-----------|---------------------|----------------|----------------|-----|-------|
| <b>Year: I</b>   |             |                     |           | <b>Semester: II</b> |                |                |     |       |
| Course Type  | Course Code | Credit Distribution |           | Credits             | Allotted Hours | Allotted Marks |     |       |
|  |             | Theory              | Practical |                     |                | CIE            | ESE | Total |
| DSC-3  | BA-EC121T   | 03                  | 00        | 03                  | 45             | 30             | 70  | 100   |

**Learning Objectives:**

1. To ability to develop an understanding of Challenges to Indian Service sector
2. To ability to develop an understanding of Changing Structure of Banking in India.
3. To ability to develop an understanding of Challenges of Indian Economy .

**Course Outcomes (Cos)**

1. Ability to develop an understanding of the Service Sector in Indian Economy
2. Ability to develop an understanding of the Recent Trends in Indian Service Sector
3. Ability to develop awareness on the various new Changing Structure of Banking in India
4. Ability to develop an understanding of the Recent Trends in Indian Banking Environment
5. The student should be able to discuss and debate on the various issues of Indian Economy Challenges of Poverty, Employment etc.

**Detailed Syllabus:**

|               |  |           |
|---------------|--|-----------|
| <b>Unit 1</b> | <b>Service Sector Environment</b>  | <b>12</b> |
| 1.1           | Role and Growth of Service Sector in Indian Economy  |           |
| 1.2           | Challenges to Indian Service sector- Business-based Sector, Knowledge based Sector, Education sector, Health Sector, Insurance Sector, Tourism Sector and Banking Sector |           |
| 1.3           | Recent Trends in Indian Service Sector- Digital Economy, E-Commerce, E- Finance  |           |
| <b>Unit 2</b> | <b>Banking Environment</b>   | <b>18</b> |
| 2.1           | Banking- Definition, Functions, Changing Structure of Banking in   |           |

- India- Concept of New Private Banks, Small Banks and Payment Banks
- 2.2 Bank Accounts- Types, Procedure and Operation of Accounts, Closure of Account Process, Transfer of Account Process- Real Time Gross Settlement System (RTGS), National Electronic Fund Transfer (NEFT)
- 2.3 Recent Trends in Indian Banking Environment- E-Banking-Merits and Demerits, E- Wallets-Merits and Demerits, Concept of Bank Mergers and Amalgamations
- Unit 3 Overview of Indian Economy 15**
- 3.1 Challenges of Indian Economy- Poverty, Employment, Inequality, Informal Sector
- 3.2 Policy Measures Programmes- Poverty Alleviation Programmes, Employment Generation Programmes, Agriculture Development Programmes, Skill Development Programmes

**Suggested Readings/Material:**

1. Agrawal A.N., Problems of Development and Planning, (Latest Edition)
2. Ashwani Mahajan, 'Indian Economy' S. Chand & Company Ltd., New Delhi.
3. Cherunilam Francis, 'Business Environment-Text and Cases' Himalaya Publishing House (Latest Edition)
4. Faisal Ahmed, 'Business Environment: Indian and Global Perspective' PHL Learning Pvt. Ltd. (Latest Edition)
5. Fernando A.C.: (2014) 'Business Environment' Pearson Education.
6. Misra and Puri,: 'Business Environment', Himalaya Publication House, Mumbai. (Latest Edition)
7. Pathak, Bharati: (2009) 'The Indian Financial System', 'Pearson Education Publication, New Delhi.

**Recommended Reading List:**

1. Bhasin, Niti: (2006) "Banking Developments in India 1947 to 2007" New Century Publications.
2. Bhadane JaywantR.: (2018) 'Cashless India and Digital Economy' International Publications, Kanpur
3. Dasgupta Sukti, Sher Singh Verick: (2016) 'Transformation of Women at Work in Asia: An Unfinished Development Agenda, Sage

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**(Autonomous)**  
**Syllabus**  
**B. A. Economics (Major)**

| Title of the Course: Indian Economy-II |             |                     |           |             |                |                |     |       |
|--|-------------|---------------------|-----------|-------------|----------------|----------------|-----|-------|
| Year: I                                |             |                     |           | Semester: I |                |                |     |       |
| Course Type                            | Course Code | Credit Distribution |           | Credits     | Allotted Hours | Allotted Marks |     |       |
|  |             | Theory              | Practical |             |                | CIE            | ESE | Total |
| DSC-4                                  | BA-EC122T   | 03                  | 00        | 03          | 45             | 30             | 70  | 100   |

**Learning Objectives:**

1. To ability to develop an understanding the Need of Economic Planning.
2. To ability to develop an understanding the Measurement of Indian Poverty: Poverty Line.
3. To ability to develop an understanding the Measures for Population Control.

**Course Outcomes (Cos)**

1. Ability to analyze and evaluate the subject to various aspects of Economic Planning
2. Ability to develop an understanding of NITI Aayog.
3. Ability to develop an understanding of Indian Poverty.
4. Ability to develop an understanding of Unemployment.
5. Ability to develop an understanding of Indian population.

**Detailed Syllabus:**

|               |                               |           |
|---------------|-------------------------------|-----------|
| <b>Unit 1</b> | <b>Economic Planning</b>      | <b>12</b> |
| 1.1.1         | Meaning of Economic Planning  |           |
| 1.1.2         | Features of Economic Planning |           |
| 1.1.3         | Need of Economic Planning     |           |
| 1.1.4         | Types of Economic Planning    |           |
| 1.2           | NITI Aayog                    |           |
| 1.2.1         | Meaning of NITI Aayog         |           |
| 1.2.2         | Structure of NITI Aayog       |           |
| 1.2.3         | Functions of NITI Aayog       |           |

|               |   |           |
|---------------|---|-----------|
| <b>Unit 2</b> | <b>Indian Poverty</b>   | <b>12</b> |
| 2.1           | Meaning of Poverty  |           |
| 2.2           | Concept of Relative Poverty and Absolute Poverty                          |           |
| 2.3           | Causes of Indian Poverty  |           |
| 2.4           | Measurement of Indian Poverty: Poverty Line                               |           |
| 2.5           | Poverty Alleviation Programmes in India                                   |           |
| <b>Unit 3</b> | <b>Unemployment</b>   | <b>10</b> |
| 3.1           | Meaning of Unemployment   |           |
| 3.1.1         | Types of Unemployment   |           |
| 3.1.2         | Causes of Unemployment  |           |
| 3.2           | Employment and Unemployment Measurement in India                          |           |
| 3.2.1         | Usual Principal and Subsidiary Status (UPSS)                              |           |
| 3.2.2         | Current Weekly Status (CWS)   |           |
| 3.2.3         | Current Daily Status (CDS)  |           |
| <b>Unit 4</b> | <b>Populaton of india</b>   | <b>11</b> |
| 4.1           | Theory of Demographic Transition.   |           |
| 4.2           | Size and Growth of Population.  |           |
| 4.3           | Features of Indian population   |           |
| 4.3.1         | Sex Composition.  |           |
| 4.3.2         | Rural Urban Distribution.   |           |
| 4.3.3         | Age Composition.  |           |
| 4.3.4         | Density of Population.  |           |
| 4.3.5         | Occupational Distribution.  |           |
| 4.3.6         | Quality of Population   |           |
| 4.4           | Causes of growing Population.- High Birth rate and Decreasing Death rate. |           |
| 4.5           | Measures for Population Control   |           |

**Suggested Readings/Material:**

1. Gaurav Datta Ashwani Mahajan (2012), Indian Economy. S. Chand & Company Ltd., New Delhi.
2. Misra & Puri - (2011) Indian Economy, Himalaya Publication house, Mumbai.
3. Gopal and Suman Banhri (2013) Indian Economy Performance and Policies.

Pearson Publication Delhi.

4. Prakesh B.A. (2011) The Indian Economy Since 1991 Economic Reforms and performance, Pearson Publication Delhi.
5. Tandon - Indian Economy.
6. Dhar P.K., Indian Economy.
7. Agrawal A.N., Problems of Development & Planning.
8. Memoria C.B. Agricultural Problems of India, Kitab Mahal Publication. Kitab mahal, New Dehli.
9. Dr. Datir R.K. And others Bharatiya Arthvyavastha- 5th Edition 2012, Nirali prakashan Pune.
10. Jalan B.,The Indian Economy Problem and prospectus, Viking, New Dehli.

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**(Autonomous)**  
**Syllabus**  
**B. A. Economics (Major)**

| Title of the Course: Agriculture Economics-II |             |                     |           |             |                |                |     |       |
|---|-------------|---------------------|-----------|-------------|----------------|----------------|-----|-------|
| Year: I                                       |             |                     |           | Semester: I |                |                |     |       |
| Course Type                                   | Course Code | Credit Distribution |           | Credits     | Allotted Hours | Allotted Marks |     |       |
|   |             | Theory              | Practical |             |                | CIE            | ESE | Total |
| SEC-2   | BA-EC123T   | 02                  | 00        | 02          | 50             | 15             | 35  | 50    |

**Learning Objectives:**

1. To ability to develop an understanding the Challenges to Agricultural Credit in India.
2. To ability to develop an understanding the Agriculture Marketing and Price System in India.
3. To ability to develop an understanding the Meaning and Need of Sustainable Agriculture.

**Course Outcomes (Cos)**

1. Ability to analyze and evaluate the subject to various aspects of Need of Agriculture Credit
2. Ability to develop an understanding of Problems and Measures of Agricultural Marketing in India
3. Ability to develop an understanding of Sustainable Agriculture
4. Ability to develop an understanding of Problems of Agriculture- Exports and Imports
5. Ability to develop an understanding of Food Security in India.

**Detailed Syllabus:**

|               |   |           |
|---------------|---|-----------|
| <b>Unit 1</b> | <b>Agriculture Credit</b>                                     | <b>10</b> |
| 1.1           | Meaning and Need of Agriculture Credit                        |           |
| 1.2           | Role of NABARD, Commercial Banks and Cooperative Institutions |           |
| 1.3           | Micro Finance in Rural Area – Emergence, Role and Challenges  |           |
| 1.4           | Challenges to Agricultural Credit in India                    |           |
| <b>Unit 2</b> | <b>Agriculture Marketing</b>                                  | <b>10</b> |

- 2.1 Meaning, Problems and Measures of Agricultural Marketing in India
- 2.2 Agriculture Marketing and Price System in India
- 2.3 Problems of Agriculture- Exports and Imports
- 2.4 Agro Processing- Need and Challenges
- 2.5 Agriculture in India and Effects of WTO on Indian Agriculture
- Unit 3 Sustainable Agriculture 10**
- 3.1 Meaning and Need of Sustainable Agriculture
- 3.2 Bio Technology-Meaning, Uses and Importance
- 3.3 Organic Farming- Meaning, Uses, Problems and Importance
- 3.4 Contract Farming- Meaning, Types, Problems and Benefits
- 3.4 Food Security in India- Merits and Demerits

**Suggested Readings/Material:**

- 5 Ajit Singh and Hamid Tabatabai :(1993) 'Economic Crisis and Third World Agriculture', Cambridge University Press
- 6 B.N.P Singh: (2004) 'Indian Economy Today Changing Contours' .Deep and Deep Publications
- 7 C.S.Prasad :(2006) 'Sixty years of Indian Agriculture'–New Delhi
- 8 Dewett Kewal :(2005) Indian Economy C. Chand &Co. Ltd, New Delhi
- 9 Gopalji & Suman Bhakari :(2012) 'Indian Economy Performance and Policies, Pearson Publication Delhi
- 10 Gulati & Kelley:(1999), 'Trade Liberalization of Indian Agriculture' OUP
- 11 Hansra Parumal and Chandrakarn–'Modernization of Indian Agriculture in the 21st Century- Challenges, Opportunity and Strategies' Concept Publication Co. New Delhi.
- 13 Johnson P.A Development Issues of Indian Economy (2003) Manan Prakashan
- 14 Kapila Uma (ed.) Indian Economy Since Independence, Academic Foundation (2003)
- 15 Mamoria C.B.(2005) 'Agricultural Problems of India' Kitab Mahal Pub.
- 16 M.P.Singh :(2004) 'Indian Economy Today-Problems Planning and Development' Deep and Deep Publication.
- 17 Singh Acharya, Sagar :(2002) 'Sustainable Agricultural Poverty and Food Securities' Rawat Publications Jaipur Vol-I&II



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**B. A. Economics (Major)**

| <b>Title of the Course: Statistical Methods-I</b> |             |                     |           |                     |                |                |     |       |
|---|-------------|---------------------|-----------|---------------------|----------------|----------------|-----|-------|
| <b>Year: I</b>                                    |             |                     |           | <b>Semester: II</b> |                |                |     |       |
| Course Type                                       | Course Code | Credit Distribution |           | Credits             | Allotted Hours | Allotted Marks |     |       |
|   |             | Theory              | Practical |                     |                | CIE            | ESE | Total |
| VSC-1   | BA-EC124T   | 02                  | 00        | 02                  | 30             | 15             | 35  | 50    |

**Learning Objectives:**

1. To ability to develop an understanding the Meaning and Definition of Statistics.
2. To ability to develop an understanding the Primary Data and Secondary Data.
3. To ability to develop an understanding the Measures of Central Tendency.

**Course Outcomes (Cos)**

1. Ability to analyze and evaluate the subject to various aspects of Statistical Methods.
2. Ability to develop an understanding Index Numbers.
3. Ability to develop an understanding of Measures of Central Tendency.
4. Ability to develop an understanding Functions of Statistics.
5. Ability to develop an understanding of Mean, Mode, Median etc.

**Detailed Syllabus:**

|               |  |           |
|---------------|--|-----------|
| <b>Unit 1</b> | <b>Introduction of Statistics</b>        | <b>10</b> |
| 1.1           | Origin of Growth of Statistics           |           |
| 1.2           | Scope of Statistics                      |           |
| 1.3           | Importance and Limitations of Statistics |           |
| 1.4           | Functions of Statistics                  |           |
| <b>Unit 2</b> | <b>Index Numbers</b>                     | <b>10</b> |
| 2.1           | Meaning of Index Numbers                 |           |
| 2.2           | Understanding of Index Numbers           |           |
| 2.3           | Importance of Index Numbers              |           |
| 2.4           | Problems of Index Numbers                |           |

**Unit 3 Measures of Central Tendency 10**

- 3.1 Arithmetic Mean-Meaning, Merits and Demerits
- 3.2 Median-Meaning, Merits and Demerits
- 3.3 Mode-Meaning, Merits and Demerits

**Suggested Readings/Material:**

1. S. P. Gupta - Statistical Methods, Sultan Chand & Sons, New Delhi
2. Spiegel, M.R.-Theory and Problems of Statistics, McGraw Hill Book, London.
3. Gupta, S.C. and Kapoor V.K.-Fundamentals and Applied statistics, S. Chand & Sons; New Delhi.

**Recommended Readings:**

4. Pillai and Bagavathi- Statistics Theory and Practice, S. Chand & Company, New Delhi.
5. Y. R. Mahajan- Problems in Statistics, Pimpalpure and Company Publishers,Nagpur
6. Suklaand Gulshan - Statistics, S. Chand &Company Ltd., New Delhi
7. Shenoy, Srivastav and Sharma- Business Statistics, New Age International Publishers, Mumbai.
8. Elhance and Aggarwal- Fundamentals of Statistics, Kitab Mahal, Allahabad.