



# बिरसा मुंडा ट्रायबल युनिवर्सिटी Birsa Munda Tribal University

राजपिपला, जि० नर्मदा Rajpipla, Dist. Narmda

Established by Tribal Development Department, Govt. of Gujarat

## School of Arts

### M.A. (Economics) Programme

Subject Code & Name: MA01EECO01 & Agricultural Economics-I

#### Teaching and Evaluation Scheme:

| Teaching Scheme |   |   |       | Examination Scheme  |     |     |     |
|-----------------|---|---|-------|---------------------|-----|-----|-----|
| Credits         |   |   |       | Component Weightage |     |     |     |
|                 |   |   |       | CCE                 |     | SEE |     |
| L               | T | P | Total | TH                  | PWE | TH  | PWE |
| 4               | - | - | 4     | 50                  | -   | 50  | -   |

|                                  |                            |
|----------------------------------|----------------------------|
| Programme Name                   | Master of Arts (Economics) |
| Semester                         | I                          |
| Course Code                      | MA01EECO01                 |
| Course Title                     | Agricultural Economics - I |
| Course Content Type<br>(Th./Pr.) | Theory                     |
| Course Credit                    | 4                          |
| Sessions+ Lab. Per Week          | 4 Sessions + N.A.          |
| Total Teaching/Lab. Hours        | 60 Hours                   |
| * 2 Laboratory = 1 Session       |                            |

#### Learning Objectives

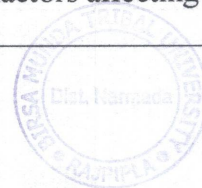
1. To understand the nature, scope, and role of agriculture in economic development
2. To understand the management of land and labour resources in agriculture
3. To understand different systems of farming and farm organization in India
4. To understand agricultural policies and rural development issues in India

#### Prerequisites (if any)

#### Learning Outcomes

After completion of this course, students will be able to understand:

1. Agricultural policies and rural development issues in India.
2. Characteristics and productivity of land and labour and factors affecting their efficiency.





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3. Systems of farming, farm holding patterns, and the relationship between farm size and productivity.
4. Trends in agricultural investment, WTO issues and challenges faced by Indian agriculture in the global economy.

#### Detailed Contents

| UNIT | TOPIC/SUB-TOPIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | TEACHING HOURS |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| I    | <b>Introduction of Agricultural Economics</b> <ul style="list-style-type: none"><li>❖ Definition - Nature and scope of agricultural economics</li><li>❖ Economic distinction between agriculture and industry</li><li>❖ Role of agriculture in economic development</li><li>❖ Interdependence and complementarity between agriculture and industries</li><li>❖ Need for balanced development Resources management in agriculture</li><li>❖ Land: characteristics, factors affecting productivity, factors affecting land leasing</li><li>❖ Labour: characteristics - types - efficiency</li></ul> | 15             |
| II   | <b>Farm organization</b> <ul style="list-style-type: none"><li>❖ Different systems of farming</li><li>❖ Criteria for choice and suitability</li><li>❖ Agricultural farming - Farm size – measurement, influencing factors, large scale and small-scale farming - Specialized and diversified farming- its advantages and disadvantages</li><li>❖ Pattern of farm holding in India</li><li>❖ Inverse relationship between farm size and productivity</li></ul>                                                                                                                                     | 15             |
| III  | <b>Indian Agricultural &amp; Rural Development Policy</b> <ul style="list-style-type: none"><li>❖ Issues in Indian Agriculture policy and Rural Development Policies for Agriculture and rural development - An Overview</li><li>❖ Agriculture - Trends in Investment</li><li>❖ WTO and Indian Agriculture</li><li>❖ Challenges and priorities in the Global Economy</li></ul>                                                                                                                                                                                                                    | 15             |



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## School of Arts M.A. (Economics) Programme

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| IV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Demand and supply behavior</b> <ul style="list-style-type: none"><li>❖ Law of demand – factors affecting demand</li><li>❖ Engel's Law</li><li>❖ Supply response in agriculture - Normal response</li><li>❖ Production and marketed surplus are inversely related to prices - supply is insensitive to price changes</li><li>❖ Farm efficiency measures</li><li>❖ Farm planning</li><li>❖ Farm Budgeting</li></ul> | 15 |
| <b>Text Book(s)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                      |    |
| <ol style="list-style-type: none"><li>1. દેસાઈ, એ. એ., અને વાંસીયા, વા. એ. (૨૦૨૪-૨૫). કૃષિ અર્થશાસ્ત્ર-૧. ન્યુ પ્રોપ્યુલર પ્રકાશન</li><li>2. વાંસીયા, વા. એ., અને જોષી, આ. સ. (૨૦૨૦). ભારતીય કૃષિના પ્રશ્નો અને નીતિ. ન્યુ પ્રોપ્યુલર પ્રકાશન</li><li>3. જોશી, બી., કૃષિ અર્થશાસ્ત્ર યુનિવર્સિટી ગ્રંથ નિર્માણ બોર્ડ.</li></ol>                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                      |    |
| <b>Reference Books</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                      |    |
| <ol style="list-style-type: none"><li>1. Bishop, C. E., &amp; Toussaint, W. D. (n.d.). <i>Introduction to agricultural economic analysis</i>. Wiley.</li><li>2. Heady, E. D. (1952). <i>Economics of agricultural production and resource use</i>. Prentice-Hall.</li><li>3. Hayami, Y., &amp; Ruttan, V. W. (1985). <i>Agricultural development: An international perspective</i> (Rev. ed.). Johns Hopkins University Press.</li><li>4. Mellor, J. W. (1966). <i>The economics of agricultural development</i>. Cornell University Press.</li><li>5. Puri, V. K., Mishra, R. K., &amp; Garg, B. (2025). <i>Indian economy</i>. Himalaya Publishing House.</li><li>6. Schultz, T. W. (1964). <i>Transforming traditional agriculture</i>. Yale University Press.</li></ol> |                                                                                                                                                                                                                                                                                                                                                                                                                      |    |
| <b>Web Resources</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                      |    |
| <ol style="list-style-type: none"><li>1. <a href="https://www.ebookbou.edu">https://www.ebookbou.edu</a>.</li><li>2. <a href="https://books.google.com">https://books.google.com</a></li><li>3. <a href="https://ebooks.lpude.in">https://ebooks.lpude.in</a></li><li>4. <a href="https://swayam.gov.in/">https://swayam.gov.in/</a></li><li>5. <a href="http://www.fao.org">www.fao.org</a></li><li>6. <a href="http://www.agricoop.nic.in">www.agricoop.nic.in</a></li><li>7. <a href="http://www.nabard.org">www.nabard.org</a></li></ol>                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                      |    |
| <b>Required Software(s) (if any)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                      |    |
| <b>Practical(s) (if any)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                      |    |



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**L::** Lecture, **T::** Tutorial , **P::**Practical

**CCE::**Continuous and Comprehensive Evaluation

(CCE Theory includes Mid Semester Examination, Assignment, MCQ quizzes, Seminar, Reflective notes, class participation, case analysis and presentation, slip tests (announced/ surprised), attendance etc. or any combination of these)

**PWE::**Practical Work Examination

(PWE includes Laboratory practical work, project work, viva simulation exercise work etc.)

**SEE::**Semester End Evaluation