

**Course Curriculum of Third Semester as per the  
ICAR-Sixth Deans' Committee Report for Academic Programmes in  
AGRICULTURE**

**Course Layout**

**B.Sc. (Hons.) Agriculture**

Semester: III (New)

w.e.f. Academic Year: 2025-26

| Sr. No.                                                                                                                                                                                                                                     | Course No.     | Course Title                                                                            | Credit Hrs.         | Remark   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------------|---------------------|----------|
| 1.                                                                                                                                                                                                                                          | AEC-235        | Physical Education, First Aid, Yoga Practices and Meditation                            | 2(0+2)              | --       |
| 2.                                                                                                                                                                                                                                          | GPB-231        | Principles of Genetics                                                                  | 3(2+1)              | --       |
| 3.                                                                                                                                                                                                                                          | AGRO-232       | Crop Production Technology-I ( <i>Kharif</i> Crops)                                     | 3(1+2)              | --       |
| 4.                                                                                                                                                                                                                                          | AGRO-233       | Principles and Practices of Natural Farming                                             | 2(1+1)              | --       |
| 5.                                                                                                                                                                                                                                          | HORT-232       | Production Technology of Fruit and Plantation Crops                                     | 2(1+1)              | --       |
| 6.                                                                                                                                                                                                                                          | AE-231         | Farm Machinery and Power                                                                | 2(1+1)              | --       |
| 7.                                                                                                                                                                                                                                          | NEMA-231       | Fundamentals of Nematology                                                              | 2(1+1)              | --       |
| 8.                                                                                                                                                                                                                                          | ECON-231       | Principles of Agricultural Economics and Farm Management                                | 2(2+0)              | --       |
| 9.                                                                                                                                                                                                                                          | AHDS-232       | Technology of Milk and Milk Products                                                    | 2(1+1)              | --       |
| 10.                                                                                                                                                                                                                                         | SEC-235        | Skill Enhancement Course-V <sup>#</sup><br>(To be offered from the list of SEC Courses) | 2(0+2)              | --       |
| 11.                                                                                                                                                                                                                                         | OC-1/ OC-2/... | Online Course(s)/ MOOCs <sup>†</sup>                                                    | As opted by student | NG       |
| <b>Total Credits Hrs.=</b>                                                                                                                                                                                                                  |                |                                                                                         | <b>22(10+12)</b>    | <b>G</b> |
| AEC: Ability Enhancement Course, SEC: Skill Enhancement Course, OC: Online Course,<br>G: Gradual, NG: Non-gradual                                                                                                                           |                |                                                                                         |                     |          |
| <sup>†</sup> <b>Note:</b> It is mandatory for each Student to complete <b>total 10 credits</b> (Non-gradual) of <b>Online Courses</b> from available resources across III to VIII semesters under the guidance of assigned Faculty/Advisor. |                |                                                                                         |                     |          |

## B.Sc. (Hons.) Agriculture

### # List/ Bouquet of Skill Enhancement Courses (SECs) [in continuation of the SECs' Syllabi prescribed under I and II semesters]

| Sr. No. | Course No. | Course Title                                 | Credit Hrs. |
|---------|------------|----------------------------------------------|-------------|
| 1.      | SEC-xxx    | Biofertilizer and Biopesticide Production    | 2(0+2)      |
| 2.      | SEC-xxx    | Mushroom Production Technology               | 2(0+2)      |
| 3.      | SEC-xxx    | Seed Production Technology                   | 2(0+2)      |
| 4.      | SEC-xxx    | Post-harvest Processing Technology           | 2(0+2)      |
| 5.      | SEC-xxx    | Beneficial Insect Farming                    | 2(0+2)      |
| 6.      | SEC-xxx    | Horticulture Nursery Management              | 2(0+2)      |
| 7.      | SEC-xxx    | Plantation Crops Production and Management   | 2(0+2)      |
| 8.      | SEC-xxx    | Poultry Production and Management Technology | 2(0+2)      |
| 9.      | SEC-xxx    | Processing of Milk and Milk Products         | 2(0+2)      |
| 10.     | SEC-xxx    | Agrotourism                                  | 2(0+2)      |
| 11.     | SEC-xxx    | Plantation Crop Production and Processing    | 2(0+2)      |
| 12.     | SEC-xxx    | Agriculture Waste Management                 | 2(0+2)      |
| 13.     | SEC-xxx    | Organic Production Technology                | 2(0+2)      |
| 14.     | SEC-xxx    | Fodder Production Technology                 | 2(0+2)      |
| 15.     | SEC-xxx    | Marketing and Export of Agricultural Produce | 2(0+2)      |
| 16.     | SEC-xxx    | Processing of Farm Waste into Organic Inputs | 2(0+2)      |
| 17.     | SEC-xxx    | Vermicompost Production Technology           | 2(0+2)      |
| 18.     | SEC-xxx    | Apiculture - Commercial Bee Keeping          | 2(0+2)      |
| 19.     | SEC-xxx    | Production Technology of Bioagents           | 2(0+2)      |

- Note:** (i) Skill Enhancement Courses can be added/offered as per the facilities and resources available at the respective universities/colleges based on the relevance to the region and the UG degree subject.
- (ii) The host University/ College may also choose suitable SEC courses from those listed under other UG degree programs.
- (iii) Above list/ bouquet of SEC courses is an indicative list and subject to modification as applicable therein.
- (iv) In case of unavailability of the detailed course-wise syllabus/ teaching schedules of any of above SEC courses, the same can be primarily developed and followed at College/ University level in the current academic year. However, the same can be obtained from the respective UG Degree Coordinator/ Discipline Coordinators and can be followed w.e.f. AY, 2025-26.