

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

## **4-Year Professional Undergraduate Degree Programme**

### **About the Programme**

B.Sc. (Hons.) Agriculture is a **4-year professional degree programme** designed to equip students with scientific knowledge, technical skills, field exposure, and entrepreneurial competencies in modern agriculture.

The curriculum follows the **ICAR – VI Dean’s Committee recommendations (2024–25)** ensuring national standards in agricultural education.

### **Programme Highlights**

- 8 Semesters (4 Years)
- 168 Core Credits + 10 Non-Gradual Online Credits
- Skill Enhancement Courses (SEC)
- NCC / NSS Participation
- Study Tour (10–14 Days)
- READY Programme (RAWE / Internship / Experiential Learning)
- Industry & Field Exposure
- Elective Specializations in Final Year

### **Eligibility Criteria**

- 10+2 with **Physics, Chemistry, and Biology/Mathematics/Agriculture**
- Admission through ICAR / State / University Entrance Examination (as applicable)

## **Frequently Asked Questions (FAQs) For B.Sc. (Hons.) Agriculture**

### **General Information:**

#### **1. What is B.Sc. (Hons.) Agriculture?**

B.Sc. (Hons.) Agriculture is a 4-year professional undergraduate degree focused on scientific crop production, soil management, horticulture, agricultural economics, biotechnology, and agribusiness development.

#### **2. What is the duration of the programme?**

The programme duration is **4 years (8 semesters)**.

#### **What is the maximum duration to complete the course?**

The maximum permissible duration is **8 years (16 semesters)**

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#### **4. Is this an ICAR-based curriculum?**

Yes, the programme follows the **ICAR – VI Dean’s Committee (2024–25) recommended curriculum**

**5. What is the total credit requirement?**

The programme requires **168 credits + 10 non-gradual online course credits**

 **Admission & Eligibility**

**6. What is the eligibility for admission?**

Candidates must have passed **10+2 with Physics, Chemistry, and Biology/Mathematics/Agriculture** from a recognized board.

**7. Is Mathematics compulsory?**

Mathematics is not compulsory. However, students without Mathematics may need to complete an **Introductory Mathematics course**

**8. How can I get admission?**

Admission is generally based on:

- ICAR AIEEA
- State-level entrance examinations
- University entrance test (as applicable)

**9. Can PCB students apply?**

Yes, students from the Biology stream are eligible.

**10. What is the minimum eligibility for admission?**

Candidate must pass **10+2 in Science with Physics, Chemistry and Biology** (or VHSC in Agriculture) with:

- 50% aggregate (General)
- 40% aggregate (SC/ST/PH)

**11. Is entrance examination compulsory?**

Yes. Admission is based on **Entrance Test + Career Marks**

**12. What is the pattern of entrance examination?**

- Duration: 2 hours
- 200 MCQs
- 50 questions each from Physics, Chemistry, Biology & General Aptitude
- Total 100 marks

**13. How is the merit list prepared?**

Merit list is prepared giving:

- 50% weightage to entrance test
- 50% weightage to career marks

**14. Is there any reservation policy?**

Yes:

- SC – 8%
- ST – 12%
- PH – 5%
- 3% for wards of defense personnel

**15. Are diploma holders eligible?**

Yes. Diploma in Agriculture/Horticulture/Seed Technology/Agro-polytechnic holders are eligible.

## **16. Is lateral entry available?**

Yes:

- UG Certificate holders → Direct 2nd year
- UG Diploma holders → Direct 3rd year

## **🚦 Course Structure & Registration**

### **11. How many credits are required?**

The programme consists of **177 credits (including 10 online credits)**

### **12. What is the system of education?**

It follows a **semester system**

### **13. What are Net Instructional Days (NID)?**

Each semester must have **minimum 95 Net Instructional Days**

### **14. What is Deeksharambh?**

It is a **2-week induction (non-gradual) course** in first semester

### **15. How many credits can be taken in a semester?**

Maximum **22 credits per semester**

### **16. What is a credit?**

1 credit =

- 1 hour lecture OR
- 2 hours lab OR
- 3 hours field work per week

### **17. Is registration compulsory every semester?**

Yes. Students must register at the beginning of each semester

### **18. What happens if I do not register?**

Admission may be cancelled unless approved by Academic Council

## **🚦 Programme Structure**

### **19. How many semesters are there?**

The programme consists of **8 semesters**.

### **20. What are the major subjects covered?**

Major subjects include:

- Agronomy
- Soil Science
- Horticulture
- Genetics & Plant Breeding
- Entomology
- Plant Pathology
- Agricultural Economics
- Agricultural Engineering
- Biotechnology
- Agricultural Statistics & AI

### **21. What is the READY Programme?**

READY (Rural Entrepreneurship Awareness Development Yojana) is a 20-credit programme in the final semester that includes:

- RAWE (Rural Agricultural Work Experience)
- Industrial Attachment
- Experiential Learning
- Internship / Project Work

Revised 6th Dean Committee Syll...

**22. Is internship mandatory?**

Yes, internship is part of the READY programme.

**23. Is there a study tour?**

Yes, a **10-14 day study tour (non-gradial)** is included in the curriculum

**24. Are online courses compulsory?**

Yes, students must complete **10 credits through MOOC/online platforms (non-gradial)**

**✚ Practical & Skill Development**

**25. Is the course practical-oriented?**

Yes, the programme includes:

- Laboratory practicals
- Field demonstrations
- Farm management practices
- Rural exposure programmes

**26. Are Skill Enhancement Courses included?**

Yes, **6 Skill Enhancement Courses (SEC)** are part of the curriculum

**27. Is NCC/NSS compulsory?**

Yes, students must enroll in NCC or NSS during the first year

**28. Are communication and personality development included?**

Yes, Communication Skills and Personality Development are included in the first year.

**✚ Career Opportunities**

**29. What are the job opportunities after B.Sc. Agriculture?**

Graduates can work as:

- Agriculture Officer
- Horticulture Officer
- Agriculture Field Officer (Banking)
- Extension Officer
- Seed/Fertilizer Company Executive
- Agri-Tech Professional

**30. Can I apply for government jobs?**

Yes, graduates are eligible for:

- State Agriculture Services
- IBPS AFO
- NABARD
- FCI
- Other central/state government recruitments

**31. Can I pursue higher studies?**

Yes. Options include:

- M.Sc. Agriculture
- MBA (Agri-Business)
- Ph.D.
- Civil Services

### **32. Can I start my own agribusiness?**

Yes. The programme includes entrepreneurship training to support start-ups and self-employment.

#### **Academic Policies**

### **33. Is attendance compulsory?**

Yes, minimum attendance requirements apply as per university rules.

### **34. Is there continuous assessment?**

Yes, evaluation includes internal exams, practical exams, assignments, and semester-end examinations.

### **35. Are electives offered?**

Yes, students choose **5 elective courses in the 7th semester**

#### **Exit Options (As per NEP Framework)**

### **36. Is there an early exit option?**

Yes:

- UG Certificate after 1 year
- UG Diploma after 2 years

### **37. Can I exit after 1 year?**

Yes. After completing 2 semesters + 10 weeks internship → **UG Certificate in Agriculture**

### **38. Can I exit after 2 years?**

Yes. After 4 semesters + 10 weeks internship → **UG Diploma in Agriculture**

### **39. When do I receive B.Sc. degree?**

After successful completion of all 4 years

#### **Examination & Evaluation**

### **40. What types of exams are conducted?**

- Mid-term exam
- Quizzes
- Assignment
- Practical exam
- Final exam

### **41. What is the total marks for each subject?**

Total = **100 marks** (Internal + External)

### **42. What is internal assessment pattern?**

Includes:

- Mid-term
- Two quizzes
- Practical/Assignment
- Viva & Record

**43. What is minimum pass mark?**

Minimum **50% marks and 5.0 grade point** in each course

**44. What is grading system?**

10-point grading scale

**45. How is GPA calculated?**

$GPA = \text{Total Credit Points} / \text{Total Credit Hours}$

**46. What is OGPA?**

$OGPA = \text{Cumulative Credit Points} / \text{Cumulative Credit Hours}$

**47. Is rounding off allowed in GPA?**

No rounding off. Calculated up to 2 decimal places

**48. Can I appear for make-up exam?**

Yes, with ₹100 per course for valid reasons

**49. Is special examination allowed?**

Yes, if failed in maximum two papers

**Completion & Convocation**

**50. When will degree be awarded?**

After successful completion of all course requirements and approval of results by Academic Council. Degree is awarded in Convocation