



FACULTY OF AGRICULTURE

"Nurturing Leaders in Sustainable Agriculture"

About the Faculty

The Faculty of Agriculture under JIS university dedicated to teaching various aspects of agriculture including agronomy, soil science, entomology, horticulture, pathology, extension, economics genetics and plant breeding. The Department play a crucial role in developing innovative solutions to address global food security, environmental challenges and the efficient use of natural resources. Students in these programs typically gain hands-on experience through fieldwork and internships, allowing them to apply theoretical knowledge in real-world settings. By fostering a deeper understanding of agricultural systems, the department contribute to the development of future leaders who can drive advancements in food production and sustainable land management.



Vision:

To create a niche in different areas of Agricultural education to produce world class leaders in Farm sector

Mission:

- To produce top order graduates in Agriculture, the budding researchers, entrepreneurs and extension workers.
- To produce world class graduates who will be responsible for sustaining food security and environment.
- To produce graduates, the budding technocrats, planners and policy makers

Programme Offered: B.Sc. (Hons.) Agriculture

Four years as per syllabus prescribed by ICAR

Admission Eligibility: Minimum 60% marks in H.S. with Physics, Chemistry & Biology Subject combination and Vocational Agricultural Course

Programme Outcomes

- To prepare students to develop the conceptual and practical knowledge, skills and competency related to the various aspects of agriculture and allied sciences.
- To produce skilled manpower with entrepreneurial skills in the field of agricultural science and related sectors.
- To provide hand hold exposure on agriculture using modern instrumentation techniques.
- To provide students with life-long learning attitude for a successful professional career in institutes or industries of repute.





Career and Future



Students after doing B.Sc. (Hons.) Agriculture have plenty of opportunities for employment in :

- State Governments (Assistant Director of Agriculture, Agricultural Officer, Plant Protection Advisor)
- Nationalized Banks (Field Officer, Probationary officer)
- Corporate Banks
- Corporate Sectors (Seed producing Companies, Companies producing Agri- chemicals, Fertilizers companies)
- Pursue higher education (M.Sc. and Ph.D.) and get more opportunities/ avenues
- Can be engaged in research (ICAR Institutes) as ARS, JRF, SRF & RA
- Teaching in the universities
- Post-Doctoral research
- Central Government jobs (NABARD, Silk Board, Rubber Board, FRI, TRI)
- Jobs in Non-Government Organisations (NGOs)
- Agripreneurship etc.



Facilities Offered



- Situated at the centre of the city (Block A, Kalyani)
- Beside Barrackpore-Kalyani Express Way
- Nearly 09 km from BCKV, Mohanpur
- Nearest Railway stations (Kalyani 02 km, Kanchrapara 01 km)
- Exposure Visit to other National/ State Research Institute/University, Agricultural, Fisheries, Animal Husbandry Farms/ State/ Private Farms etc.
- Campus placement
- Hands-on-Training with Corporate sectors
- Scholarship for meritorious students
- ICAR approved syllabus
- Coaching for competitive examinations
- Coaching for ICAR-JRF Exams
- Personality Development



Subjects



Agronomy – The science of crop production and soil management for sustainable agriculture.

Soil Science – The study of soil as a natural resource, focusing on its formation, classification and fertility.

Entomology – The branch of science dealing with insects and their impact on agriculture.

Pathology – The study of plant diseases and methods to control them for healthy crop growth.

Genetics & Plant Breeding – The science of improving plants through genetic principles for better yield and resistance.

Agricultural Extension – The practice of educating farmers about new technologies and farming techniques.

Agricultural Economics – The application of economic principles to optimize agricultural production and distribution.

Horticulture – The science and art of growing fruits, vegetables, flowers and ornamental plants.



Teaching and learning



- **Experienced Faculty:** Highly qualified and experienced faculty members.
- **Practical Exposure:** Emphasize hands-on training, field visits and internships with private companies,
- **Interdisciplinary Approach:** The course curriculum integrates knowledge from various fields like basic sciences as well as social sciences for a holistic understanding.
- **Focus on Research & Innovation:** Immense potential and opportunities for students to participate in research and innovative projects.



Infrastructure

- **Modern Laboratories:** Describe well-equipped labs for various agricultural disciplines.
- **Teaching and Research Farm:** Highlight the sprawling farm for practical training and research,
- **Library:** Mention a well-stocked library with a vast collection of resources.
- **Smart Classrooms:** Emphasize the use of modern technology for effective learning.
- **Green & Eco-Friendly Campus:** Mention the lush green surroundings and peaceful environment conducive to learning,



Activities

The important activities of the Faculty of Agriculture involves the industrial visits, extension & outreach activities, internship programmes as well as practical field experiences along with sports & cultural activities.

Let's be a part of our JIS Agriculture Family

Contact Us:

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www.jisuniversity.ac.in