



Graphic Era Hill University

DEHRADUN • BHIMTAL • HALDWANI

APPLY NOW



BROCHURE 2025-26

SCHOOL OF AGRICULTURE

Programs Offered —

- **B.Sc (H) Agriculture**
- **M.Sc Agriculture** (Agronomy)
- **M.Sc Horticulture** (Vegetable Science)
- **M.Sc Agriculture** (Genetics & Plant Breeding)
- **MBA Agribusiness Management (MBA-ABM)**



About the University

A Legacy of Innovation, Excellence & Global Reach

Founded by Prof. (Dr.) Kamal Ghanshala with a vision to transform youth through quality education, Graphic Era began its journey in 1993 and evolved into Graphic Era Institute of Technology (GEIT) in 1996. In 2008, it was granted Deemed to be University status by the Government of India. Today, Graphic Era stands as a NAAC 'A+' accredited university, ranked 52nd in Engineering, 59th in Management, and 52nd in the University Category by NIRF, Ministry of Education. With 7 NBA-accredited programs, the university fosters an industry-academia partnership through collaborations with Tata Technologies and IBM and hosts a DST-sponsored Technology Business Incubator for startups. With global academic partnerships and student exchange programs across US, Europe, Australia, and Asia, Graphic Era provides a world-class learning experience. Its alumni shine at Apple, Google, Microsoft, HSBC, TCS, Wipro, Infosys, and the Indian Armed Forces, shaping the future with innovation and excellence.

Be a part of this vibrant global learning community!

Welcome to the School of Agriculture

Shaping the Future of Sustainable Agriculture

Welcome to the School of Agriculture at Graphic Era Hill University, Dehradun. Established in 2017, we are a leading institution for those interested in agriculture, food, and natural resources. The school offers a range of undergraduate and postgraduate degree programs in agricultural sciences. These include a B.Sc. (H) in Agriculture, and postgraduate degrees such as M.Sc. in Horticulture (Vegetable Science), M.Sc. Agriculture in Agronomy, and M.Sc. Agriculture in Genetics and Plant Breeding. In addition, the school also offers Ph.D. programs and an MBA in Agribusiness Management (ABM). In addition to academic programs, the school also conducts research on topics such as crop production, livestock management, soil science, and environmental sustainability. The school focuses on the curriculum designed by the Indian Council of Agricultural Research (ICAR), preparing students for successful careers in Agribusiness and Sustainable Agriculture.

Vision

We envision to become a leading centre of academics, research and development in agriculture by providing student-responsive education, farmer-responsive training and services for development of agriculture and agro-industry.

Mission

To disseminate 'future of' and 'future in' agriculture through quality education, technology, infrastructure and framework needed for domestic and agro-industry based entrepreneurship locally in particular and globally in general.



Mandate

The mandate of this programme is to create human resource capacity of well-trained professionals in agriculture with required knowledge in applied and agriculture sciences, and practical skills for sustainable agricultural production systems needed to meet the food security and safety needs of growing global population in the 21st century.

Ojectives

- ✔ To develop competent human resource in agriculture by providing quality education in agricultural and allied sciences.
- ✔ To equip the students with relevant practical skills through effective curricula delivery to meet the needs of the stakeholders in academia and industry.
- ✔ To develop abilities to practice and propagate various farming systems, crop diversification and sustainable agriculture practices
- ✔ To impart training to develop abilities for transfer of technologies for the benefit of farming communities.

40+

**International
Interns & Students
on Campus**

10+

**Countries where MBAs have
travelled for Global & Career
Immersion Programs**

20+

**International
Partner
Universities**



B.Sc (H) Agriculture

Eligibility — 10+2 in PCB/M or Agriculture

Duration — 4 Years/ 8 Semester

B.Sc. (H) Agriculture is a four-year undergraduate degree program that focuses on various aspects of agriculture, including crop cultivation, animal husbandry, soil science, irrigation, plant breeding, and genetics. The course is designed to equip students with the knowledge and skills required for a career in the agricultural sector, including farming, research, and agribusiness.

Career Pathways

After completing a B.Sc. (H) Agriculture degree, students can pursue a variety of career paths, including agricultural research, agricultural extension, agribusiness management, farming, and entrepreneurship. They can also opt for higher education, such as a master's degree or a Ph.D., in the field of agriculture or related areas. Some of the prominent career opportunities are as below:

- ✔ **Agricultural Scientists**
- ✔ **Agricultural Engineers**
- ✔ **Agricultural Economists**
- ✔ **Agribusiness Managers**
- ✔ **Soil Scientists**
- ✔ **Horticulturists**
- ✔ **Agricultural Extension Officers**
- ✔ **Agricultural Consultants**
- ✔ **Livestock Production Managers**
- ✔ **Food Technologists**

Industries to Explore

- ✔ **Agribusiness & Food Processing**
- ✔ **Agro-Technology & Startups**
- ✔ **Government & Public Sector**
- ✔ **Research & Education**
- ✔ **Environmental & Natural Resource Management**
- ✔ **Banking & Finance**
- ✔ **Agro-Export & Supply Chain**
- ✔ **Entrepreneurship & Agri-Consultancy**



M.Sc Agriculture (Agronomy)

Eligibility — B.Sc. Agriculture or B.Sc. (H) Agriculture

Duration — 2 Years/ 4 Semester

The M.Sc. Agriculture (Agronomy) program offered by Graphic Era Hill University is an advanced postgraduate degree program designed for students who are passionate about agriculture and are interested in pursuing a career in Agronomy. Agronomy is a branch of agricultural science that deals with the study of plants, soil, and its interactions. The M.Sc. Agriculture (Agronomy) program is structured to provide students with a comprehensive understanding of the principles and practices of agronomy, crop production, and management through a unique blend of theoretical and practical training with the aim to equip students with the skills and knowledge necessary to solve real-world agricultural problems.

Career Pathways

The M.Sc. Agriculture (Agronomy) program provides students with a wide range of career opportunities in the field of Agronomy. Post graduates can work in government agencies, research institutions, agribusiness companies, and non-profit organizations. Some of the popular job profiles for graduates of the M.Sc. Agriculture (Agronomy) program includes:

- ✔ **Agronomist**
- ✔ **Soil Scientist**
- ✔ **Plant Breeder**
- ✔ **Agricultural Consultant**
- ✔ **Research Scientist**
- ✔ **Agribusiness Manager**
- ✔ **Extension Agent**
- ✔ **Environmental Consultant**
- ✔ **Agroecologist**

Industries to Explore

Post graduates of the M.Sc. Agriculture (Agronomy) program from Graphic Era Hill University can pursue dynamic and impactful careers across a wide range of industries. These industries play a crucial role in supporting sustainable agriculture, food security, and environmental conservation. Key sectors include:

- ✔ **Agricultural Research & Development (R&D)**
- ✔ **Agrochemical and Fertilizer Industry**
- ✔ **Seed Industry**
- ✔ **Government and Public Sector**
- ✔ **Agri-Tech and Precision Agriculture**
- ✔ **Non-Governmental Organizations (NGOs)**
- ✔ **Educational Institutions**
- ✔ **Agroforestry & Environmental Management**
- ✔ **Crop Insurance & Risk Management Firms**



M.Sc Horticulture (Vegetable Science)

Eligibility — B.Sc. Agriculture/Horticulture or
B.Sc. (H) Agriculture/Horticulture

Duration — 2 Years/ 4 Semester

The M.Sc. Horticulture (Vegetable Science) program offered by Graphic Era Hill University is a postgraduate degree program designed to provide students with the knowledge and skills required for a successful career in the horticulture industry. The program aims to impart knowledge of modern agricultural practices, crop production techniques, and the latest technologies used in the field of horticulture. The program is designed to provide students with a comprehensive understanding of the cultivation of vegetable crops, including their breeding, genetics, and improvement. Students will also learn about plant biotechnology, plant physiology, and plant pathology, as well as the management and marketing of vegetable crops.

Career Pathways

Post graduates of the M.Sc. Horticulture (Vegetable Science) Program at Graphic Era Hill University has a wide range of career opportunities in the field of horticulture and vegetable sciences.

- ✔ Students can work in plant breeding, seed production, protection, post-harvest management, and value addition.
- ✔ Students can pursue research or academic careers as professors or researchers, supported by strong training in methodologies, statistics, and scientific writing for opportunities in India and abroad.
- ✔ Students gain practical training for careers in agribusiness, food processing, and related industries as consultants or managers in the private sector.
- ✔ Students can build careers in government and NGOs, focusing on food security, rural development, and sustainable agriculture, supported by a strong foundation in sustainable agricultural practices.
- ✔ To develop self-entrepreneurship.

Industries to Explore

Post graduates of the M.Sc. Horticulture (Vegetable Science) program from Graphic Era Hill University can explore a variety of industries that support sustainable horticultural development, innovation, and commercialization. These sectors offer diverse roles that align with both field-based and research-driven career aspirations:

- ✔ **Seed and Planting Material Industry**
- ✔ **Protected Cultivation and Hi-Tech Horticulture**
- ✔ **Agri-Biotech Industry**
- ✔ **Agrochemical and Plant Protection Industry**
- ✔ **Post-Harvest and Food Processing Industry**
- ✔ **Agricultural Marketing and Export Industry**
- ✔ **Research and Academic Institutions**
- ✔ **Horticulture-Based Startups**
- ✔ **Govt. Departments and Public Sector Units**
- ✔ **Non-Governmental Organizations (NGOs)**
- ✔ **Agri-Input and Advisory Services**



M.Sc Agriculture (Genetics and Plant Breeding)

Eligibility — B.Sc. Agriculture or B.Sc. (H) Agriculture

Duration — 2 Years/ 4 Semester

The M.Sc. Agriculture (Genetics and Plant Breeding) Program at Graphic Era Hill University is a postgraduate degree program designed to equip students with a deep understanding of genetics, genomics, and plant breeding techniques. This program is aimed at providing students with the skills and knowledge required for crop improvements with respect to quantity and quality, to meet the demands of the growing population, catering to food and nutritional security.

Career Pathways

The M.Sc. Agriculture (Genetics and Plant Breeding) Program at Graphic Era Hill University offers a wide range of career opportunities in the field of genetics and plant breeding. Post graduates of this program can find jobs in a wide array of industries, including:

- ✔ **Seed Sector**
- ✔ **Agricultural Research Organizations**
- ✔ **Government Agencies**
- ✔ **Academic Institutions**
- ✔ **Entrepreneurship**

Industries to Explore

Post graduates of the M.Sc. Agriculture (Genetics and Plant Breeding) program from Graphic Era Hill University are well-positioned to contribute to numerous high-impact sectors focused on seed security, crop innovation, and sustainable agriculture. Key industries where graduates can pursue careers include:

- ✔ **Seed Industry**
- ✔ **Agricultural Biotechnology Firms**
- ✔ **Government Research Organizations**
- ✔ **Private Agri-R&D Institutions**
- ✔ **Genomic and Bioinformatics Industry**
- ✔ **Intellectual Property and Regulatory Services**
- ✔ **Agri-Entrepreneurship and Startups**
- ✔ **Academic and Training Institutes**
- ✔ **Non-Governmental and International Development Organizations**
- ✔ **Crop Improvement Units in Multinational Corporations**
- ✔ **Agri-Technology Platforms and Digital Farming**



MBA Agribusiness Management (MBA-ABM)

Eligibility — Graduation in Agriculture/Allied Sciences. Merit prepared on basis of Graduation Percentage & Percentile of relevant qualifying exams (CAT/MAT/XAT/CMAT)

Duration — 2 Years/ 4 Semester

MBA in Agribusiness Management program at Graphic Era Hill University, Dehradun is a two-year, full-time program that offers a unique blend of management education tailored specifically for the agriculture sector. Students gain insights into agricultural economics, supply chain management, sustainability practices, and market trends, preparing them for leadership roles in agribusiness organizations. With a focus on both theoretical knowledge and practical skills, graduates are equipped to drive innovation and growth in the dynamic field of agriculture.

Career Pathways

- ✔ Agribusiness Corporations
- ✔ Agri-Technology & Startups
- ✔ Food Processing & Retail
- ✔ Agro-Export and International Trade
- ✔ Supply Chain & Logistics
- ✔ Agri-Finance & Banking
- ✔ Agri-Consulting & Research
- ✔ Rural Development & NGOs
- ✔ Dairy and Livestock Management
- ✔ Seed & Fertilizer Industry
- ✔ Organic Farming & Sustainable Agriculture
- ✔ Government & Policy Making
- ✔ Agro-Tourism and Rural Entrepreneurship
- ✔ Commodity Trading & Agri-Marketing
- ✔ Irrigation and Farm Equipment Companies

Industries to Explore

Post graduates of the MBA-Agribusiness Management (MBA-ABM) program from Graphic Era Hill University are prepared to lead, manage, and innovate across the agribusiness value chain. The program opens up a wide range of career opportunities in the following dynamic and rapidly evolving industries:

- ✔ Food Processing Industry
- ✔ Agri-Input Companies
- ✔ Agriculture Banking & Microfinance
- ✔ Export & Trade Organizations
- ✔ Seed and Biotechnology Industry
- ✔ Agribusiness Management
- ✔ Agricultural Marketing
- ✔ Agricultural Finance and Insurance
- ✔ Supply Chain & Logistics Management
- ✔ Farm and Plantation Management
- ✔ Agri-Consultancy
- ✔ Agri-Tech Startups and Entrepreneurship



Meet Our Experts

Name	Designation	Qualification	Area of Expertise
Dr. M.K. Nautiyal	Professor & Dean	Ph.D	Genetics and Plant Breeding
Dr. Arvind Singh Negi	Associate Professor & Head of the Department	Ph.D	Genetics and Plant Breeding
Dr. Balwant S. Rawat	Associate Professor	Ph.D	Forest Ecology
Dr. Anita Singh	Associate Professor	Ph.D	Horticulture (Vegetable Science)
Dr. Deepa Nainwal	Associate Professor	Ph.D	Plant Pathology
Dr. Vivek K. Pathak	Associate Professor	Ph.D	Agronomy
Dr. Pooja Bhatt	Assistant Professor	Ph.D	Agronomy
Dr. Rajneesh Bhardwaj	Assistant Professor	Ph.D	Genetics and Plant Breeding
Dr. Rowndel Kh.	Assistant Professor	Ph.D	Crop Physiology
Dr. Supriya Gupta	Assistant Professor	Ph.D	Plant Pathology
Dr. Neelam Basera	Assistant Professor	Ph.D	Agricultural Extension and Communication
Dr. Ashish Kaushal	Assistant Professor	Ph.D	Horticulture (Vegetable Science)
Dr. Pallavi Joshi	Assistant Professor	Ph.D	Animal Biotechnology
Dr. Anupama Rawat	Assistant Professor	Ph.D	Agronomy
Dr. Parul Chaudhary	Assistant Professor	Ph.D	Microbiology
Dr. Pallavi Bhatt	Assistant Professor	Ph.D	Soil Science
Dr. Harshita Negi	Assistant Professor	Ph.D	Genetics and Plant Breeding
Dr. Sayantika Bhattacharya	Assistant Professor	Ph.D	Soil Science
Dr. Kumar Gaurav	Assistant Professor	Ph.D	Agronomy
Dr. Pragya Goswamy	Assistant Professor	Ph.D	Agricultural Extension and Communication
Dr. Nikita Chauhan	Assistant Professor	Ph.D	Entomology
Ms. Pooja Kala	Assistant Professor	M.Sc	Environmental Science
Ms. Vriksha	Assistant Professor	M.Sc	Genetics and Plant Breeding

Successful Career Paths

Student Placements and Achievements



Jatin Malhotra
B.Sc (H) Agriculture
(Batch 2017-21)

**Active Food &
Beverages Pvt. Ltd.**



Madhulika Saxena
B.Sc (H) Agriculture
(Batch 2018-22)

**Food Corporation of India,
Government of India**



Richita Deopa
B.Sc (H) Agriculture
(Batch 2019-23)

**Dept. of Animal Husbandry,
Government of Uttarakhand**



Nandagiri Sridhar
B.Sc (H) Agriculture
(Batch 2019-23)

**IRIS Farms,
Abu Dhabi, UAE**



Gaurav Raj Trivedi
B.Sc (H) Agriculture
(Batch 2019-23)

**Big Basket,
Indore**



Ishika Singh
B.Sc (H) Agriculture
(Batch 2019-23)

**MANAGE,
Hyderabad**



Aditi Pathak
B.Sc (H) Agriculture
(Batch 2020-24)

**MANAGE,
Hyderabad**



Shaily Pandey
B.Sc (H) Agriculture
(Batch 2021-25)

**EcoSight, Technologies
Pvt. Ltd., New Delhi**

Achievement

Aarav Raj
B.Sc. (H) Agriculture
student at Graphic Era
Hill University, has
etched his name in glory
by clinching the **Gold
Medal in Qwan Ki Do**
Martial Arts at the
prestigious **6th National
Qwan Ki Do**
Championship, held in
Madhya Pradesh.



Our Esteemed Alumni

Success Stories and Contributions



Jatin Malhotra
B.Sc Agri 2021 Batch
Founder, Active Food & Beverages Pvt. Ltd.

As a B.Sc. (H) Agriculture student at Graphic Era Hill University, I gained practical knowledge, modern agritech skills, and an entrepreneurial mindset. This foundation now drives my work as founder of Active Food & Beverages Pvt. Ltd., proving Graphic Era's lasting impact on my journey.



Pragya Nigam
B.Sc Agri 2022 Batch
AGRIM, Gurgaon

My time at the School of Agriculture, GEHU, nurtured my passion for sustainable farming and rural innovation through hands-on learning, mentorship, and real-world relevance. It shaped me into a confident professional, committed to impactful work and inspired by a community-driven, values-based education.



Nithin Chandra Reddy Doma
B.Sc Agri 2023 Batch
M.Sc. Agriculture and Food Science in Western Sydney University, Sydney, NSW

Graphic Era's hands-on training, expert mentorship, and innovation-driven approach in agriculture equipped me with essential skills to tackle real-world challenges and ensure sustainable success.



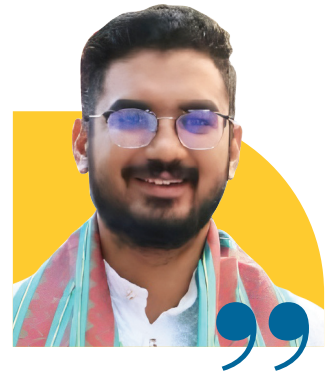
Nandagiri Sridhar
B.Sc Agri 2023 Batch
IRIS Farms, Ever Green General Trading, Abu Dhabi, UAE

Graphic Era Hill University's practical training, expert mentorship, and advanced facilities equipped me with vital skills in crop management, soil science, and sustainability. Its focus on innovation and real-world challenges makes it ideal for anyone seeking a successful career in agriculture.



Gaurav Raj Trivedi
B.Sc Agri 2023 Batch
Big Basket, (A Tata Enterprise), Indore

My B.Sc. (H) Agriculture at GEHU gave me academic knowledge, industry exposure, and confidence. Hands-on training and expert guidance shaped my growth. Now with Big Basket in Indore, I work with farmers, applying lessons of self-belief and effort gained during my time at Graphic Era.



Vinay Rawat
B.Sc Agri 2021 Batch
Urban Farms Pvt. Ltd., New Delhi

The B.Sc. (H) Agriculture program at GEHU empowered me with purpose, practical skills, and industry exposure. Now at Urban Farm Pvt. Ltd., I apply this foundation to create sustainable, tech-driven farming solutions for urban spaces.

Infrastructure & Training Facilities

The School of Agriculture is uniquely equipped with state-of-the-art infrastructure for experiential learning. It has nine advanced laboratories supporting various disciplines, and three large farm sites for practical training. The Agriculture Research Centre at Banjarawala farm, spread across 22.5 hectares, is dedicated to Practical Crop Production and student trials. The Demonstration cum Training Farm covers 2.75 hectares and features integrated farming systems with hydroponic-based polyhouses, mushroom farming, floriculture, aquaculture, and more. The Ganeshpur farm spans 28 hectares and supports large-scale vegetable, fodder, and crop cultivation, along with a robust livestock system comprising cows, goats, and poultry. Students also receive hands-on training at the Kamdhenu Dairy Unit, which houses over 200 cows and produces 800–1000 litres of milk daily. This milk is used for hostel supply and to produce paneer, curd, and buttermilk. The school also runs an instructional bee-keeping unit that not only produces honey but also plays a key role in pollination, thereby enhancing crop yields. Plans are underway to establish a 100-acre agriculture campus aimed at fostering cutting-edge research and sustainable agricultural innovations. The school's academic mission is grounded in its mandate to create a skilled human resource base capable of driving sustainable agriculture and food security for a growing global population. It aims to develop competent professionals through quality education and practical exposure. The curriculum focuses on applied sciences, equipping students with the tools needed for crop diversification, sustainable farming systems, and technology transfer. Students are encouraged to actively engage in solving real-world challenges through fieldwork, research, and outreach programs.



Research & Innovation

Research and innovation form the cornerstone of the School of Agriculture's academic philosophy. Faculty members are actively engaged in a wide range of research areas, including crop production, high-tech horticulture, soil science, biotechnology, and environmental sustainability. The School regularly organizes workshops and conferences, creating vibrant platforms for students and researchers to exchange ideas, foster sustainable agricultural practices, and stay abreast of the latest scientific developments. The School is home to a dynamic research ecosystem, supported by state-of-the-art laboratories and a strong emphasis on applied and cutting-edge agricultural research. Faculty and researchers lead numerous projects funded by prestigious state and national agencies such as the Department of Science and Technology (DST), Science and Engineering Research Board (SERB), Council of Scientific and Industrial Research (CSIR), Uttarakhand State Council for Science and Technology (UCOST), and Uttarakhand Council for Biotechnology (UCB). These projects cover a wide spectrum of topics—from forest genetic resources and agri-biotechnology to genetic sequencing, agrobiodiversity, and germplasm conservation—highlighting the School's dedication to advancing agricultural science and addressing real-world challenges.

Global Perspective & Community Impact

The School of Agriculture supports community outreach and agricultural extension programs to promote sustainable practices among local farmers. Students get real-world exposure and the opportunity to work on impactful field projects.

Successful alumni now thrive as:

- ✔ Agripreneurs
- ✔ Researchers
- ✔ Government Officers
- ✔ Policy Advisors
- ✔ Sustainable Agriculture Advocates

Student Life & Holistic Development

Beyond academics, the School of Agriculture is committed to the holistic development of students. It runs an Agricultural Society with the motto **'Together We Learn. Together We Grow!'**, composed of five vibrant student clubs such as the Agri-Eco Club, Sports Club, Literary and Arts Club, and Radio Club. These clubs serve as avenues for students to explore interests outside the classroom, develop leadership and communication skills, and build a sense of community.





Life in the Campus

Capturing the spirit, energy, and memories that define our community.



Arijit Singh
Indian Bollywood
Singer



Aayushmann Khurana
Indian Cinema Actor & Singer

Career Counselling Services

The School of Agriculture is committed to shaping the future of its students through comprehensive career guidance and support. Our guidance include

Career Mapping & Individualized Counselling

One-on-one sessions with expert faculty to explore students' aspirations and align them with suitable career paths.

Higher Education Guidance

Guidance on pursuing postgraduate studies in India or abroad, including help with entrance exams, applications, and research opportunities.

Industry Expert Seminars

Regular sessions with industry leaders to provide insights into current trends, emerging technologies, and skills in demand.

Resume Building and Interview Preparation

The training and placement department has a focused approach to prepare students right from the start of their curriculum.

Placement Support

Assistance with internships and final placements through collaborations with reputed companies and a strong alumni network.

Entrepreneurship Mentorship

Support for aspiring entrepreneurs with resources, mentorship, and connections to startup ecosystems.

Skill Development Programs

Short-term courses, certifications, and workshops focused on enhancing technical and soft skills relevant to industry needs.

Alumni Mentoring Program

Networking opportunities with successful alumni who share their career journeys, challenges, and advice for upcoming graduates.

Graphic Era Common Entrance Test

Scholarship upto

₹100  Cr

Unlock up to 100% scholarships with GECET – Graphic Era Common Entrance Test.

Secure your admission & financial support for a brighter future!

Apply Now – gecet.geu.ac.in



Apart from GECET

Graphic Era also offers the following Scholarships and Fee Waivers:

- Upto **70%** Merit Based Scholarships
- 25%** Tuition Fee Waiver for Hill State Domicile
- 10%** Additional Fee Concession for Girl Candidates
- 05%** Tuition Fee Waiver to Wards of Defence Personnel



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