

# Empowering the Agriculturalists for Tomorrow



# A Pioneering Institution in Agricultural Excellence

At the Doon School of Modern Agriculture & Forestry, we believe that the future of food, forests, and farming belongs to those who can think like scientists, lead like entrepreneurs, and act like stewards of the earth. Nestled in Dehradun - the education capital and forest science hub of India - our school is a living laboratory where ICAR-aligned academic rigour meets real farmland, cutting-edge technology, and a spirit of fearless innovation.

## Six Pillars that set us apart



**ICAR-Benchmarked Excellence:** Curricula aligned with ICAR standards, enabling nationally recognised credentials and pathways to JRF, SRF, and competitive opportunities.



**Hands-On Learning Spaces:** Dedicated farmland, nurseries, biodiversity parks, and live demonstrations ensure students learn by doing.



**AI-Driven Curriculum:** Drone mapping, IoT sensors, GIS tools, and platforms like Farmonaut and Plantix make future-ready skills integral to coursework.



**Premier Collaborations:** MoUs with FRI, ZSI, IMD, Wadia Institute, and GBPUAT Pantnagar provide access to leading research ecosystems.



**Holistic Growth:** National expos, communication modules, and 22+ student-led clubs shape confident, articulate professionals.



**Global & Interdisciplinary Exposure:** Cross-campus exchange with diverse disciplines, 350+ recruiters, and partnerships across 20+ countries.



## Educational Approach

At the Doon School of Modern Agriculture & Forestry, we believe that the future of food, forests, and farming belongs to those who can think like scientists, lead like entrepreneurs, and act like stewards of the earth. Nestled in Dehradun - the education capital and forest science hub of India - our school is a living laboratory where ICAR-aligned academic rigour meets real farmland, cutting-edge technology, and a spirit of fearless innovation.



### Multidisciplinary Learning

Blending theoretical knowledge with Practical applications in precision agriculture and sustainable farming practices.



### Data-Driven Decisions

Training students in data-driven decision - making to navigate Modern farming complexities with confidence.



### Experiential Learning

State-of-the-art laboratorial and hands-on experience on working farms to tackle global agricultural challenges.

“

### President's Message

The world today calls for a new generation of agricultural leaders - visionaries who understand the earth and harness intelligence, innovation, and sustainability to transform it. At DBS Global University, India's Most AI-Ready University, we have built programmes that answer this call directly.



**Mr. Mohit Aggarwal**  
The President

Our BSc Forestry and BSc Agriculture nurture professionals grounded in science and sustainability. The BSc Agribusiness Management connects farm to market with strategic clarity. The MSc Agronomy deepens expertise in crop science and precision farming. And at the heart of our faculty stands our flagship MBA in Agribusiness Management - a programme where agricultural knowledge meets business leadership, where AI-driven learning meets enterprise, and where graduates emerge ready to lead companies, shape policy, and build the future of food systems globally.

At DBS Global University, being AI-Ready means our students are always ahead - prepared not only for today's careers, but for tomorrow's opportunities.

The future of agriculture begins here.

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# Nurturing the hands that Feed the Future



**Dr. Shweta Nawani (Fellow IRMA)**  
MBA(ABM) MANAGE  
BSc. Agri- GBPUA&T Pantnagar  
Head: School of Modern Agriculture & Forestry  
DBS Global University, Dehradun

At DBS Global University - India's Most AI-Ready University, we believe the future of agriculture and forestry belongs to leaders who unite science, sustainability, and innovation.

Here, learning is hands-on and immersive - from biodiversity parks and forest nurseries to advanced AI-driven tools and global collaborations. Our students engage with ecosystems, technologies, and communities that prepare them not only for today's challenges but for tomorrow's opportunities.

We nurture knowledge, leadership, and resilience - shaping professionals who will safeguard forests, transform agriculture, and drive sustainable growth worldwide.

Together, we plant the seeds of progress.



## Our Academic Experts



**Dr. Manish Maan**  
Assistant Professor  
Ph.D. Agroforestry (SHUATS)  
M.Sc. Agroforestry (SHUITS)  
PGDAEM (Manage)  
MBA (AI)  
8+ Years Exp.  
(Teaching & Research))



**Dr. Nidhi Rawat**  
Assistant Professor  
Ph.D. Env.Science (GBPUAT)  
M.Sc. Env.Science (GBPUAT)  
NET Qualified  
8 Years Exp.  
(Teaching & Research)



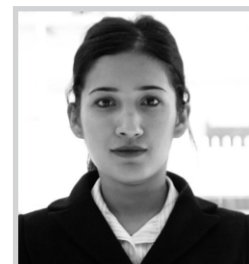
**Dr. Gaurav Ramola**  
Assistant Professor  
Ph.D Forestry (Forest Entomology)  
(FRI, Dehradun)  
M. Sc. Silviculture (VCSG)  
Teaching Experience- 3.5 years  
ICAR NET (Agroforestry) qualified



**Dr. Ravindra Rawat**  
Assistant Professor  
Ph.D. Forest Biotech (FRI)  
M.Sc. Biotechnology (HNBGU)  
M.Sc. Botany (UOU)  
7+ Years Exp. (Teaching & Research)  
CSIR- NET/GATE/ICAR-NET/  
UGC-NET|ICAR-SRF Qualified



**Ms. Manisha Chamoli**  
Assistant Professor  
M.Sc. Agriculture (GBPUAT)  
B.Sc. Horticulture (VCSG)  
ASRB ICAR NET Qualified  
4 Years Exp. (Teaching)



**Ms. Vaishnavi Sharma**  
Assistant Professor  
PHD (P)  
M.Sc. Agronomy (HNB Garhwal)  
B.Sc. Agriculture (HNB Garhwal)  
5 Years Experience  
(Teaching, Research & Training)



## Program Offering

### Undergraduate Courses

- B.Sc. Agriculture (Hons.) (Duration: 4 Years)
- B.Sc. Forestry (Hons.) (Duration: 4 Years)
- B.Sc. Agri Business (Hons.) (Duration: 4 Years)

### Postgraduate Courses

- M.Sc. Agronomy (Duration: 2 Years)
- MBA Agri Business (Duration: 2 Years)

### PhD



**Career Opportunities**

**Agronomist**

**Seed Inspector**

**Crop Consultant**

**Climate Change Analyst**

**Research Scientist**

**Government Agricultural Officer**

**Agribusiness Manager**

**Seed Technologist**

**Environmental Consultant**

**Environmental Conservationist**

# B.Sc Agriculture (Hons.)

Duration : 4 years

Agriculture is the world's oldest profession and today's most urgent frontier. Our programme prepares students to stand at that frontier with science, skill, and vision. Learning spans soil health, crop physiology, pest management, watershed science, and agribusiness — enriched by precision technologies. ICAR-aligned coursework becomes actionable through farmland, poly-houses, and protected cultivation units. Exposure at India's premier institutions extends knowledge beyond the classroom into real ecosystems. Graduates emerge with interdisciplinary insight, exam readiness, and clear career pathways.

## USPs of the Program



### Future-Ready Curriculum

ICAR-aligned coursework enriched with AI tools like Farmonaut, Plantix, precision irrigation, and data-driven agronomy, alongside core crop and soil sciences.



### Hands-On Learning & Exposure

Training through farmland, poly-houses, drones, and protected cultivation, plus visits to premier institutions for unmatched field and lab experience.



### Internships & Placements

Real-world readiness through structured internships and strong placement support with 350+ recruiters.



### Integrated Exam Coaching

Built-in preparation for UPSC, ICAR, IFS, and agri-banking exams with value-added modules in aptitude, general studies, and constitutional knowledge.



### Professional Polish

Presentations, guest lectures, communication modules, and leadership workshops that instill confidence and executive-level etiquette.



## Career Opportunities

01

Farm Manager

02

Agricultural Officer

03

Agribusiness Manager

04

Research Scientist

05

Agricultural Consultant

06

Quality Control Officer

# B.Sc. Forestry (Hons.)

Duration : 4 years

Forests cover nearly a quarter of India's land, sustaining biodiversity, water systems, and livelihoods. This programme prepares the next generation of forest scientists, conservationists, and resource managers. Dehradun, home to the Forest Research Institute (FRI), offers the perfect setting for immersive forestry education. Our curriculum blends classical silviculture and ecology with AI-driven tools for species identification, forest monitoring, and canopy analysis. ICAR-aligned coursework, dedicated nurseries, biodiversity parks, and MoUs with leading institutions ensure both academic depth and field readiness. Graduates complete a four-year honours pathway with Forest Occupational Work Experience (FOWE), emerging as professionals ready to safeguard and advance India's ecological future.

## USPs of the Program



### AI & Remote Sensing Integration:

TreeAI, BirdNET, FlyPix AI, WildTrack AI, ArcGIS Pro, and Google Earth Engine are woven into coursework as essential skills — from dendrology labs to the Year 4 FOWE field experience.



### Proximity to FRI & ZSI:

Structured visits, collaborative projects, and access to world-class herbarium, library, and forest research facilities at FRI, ZSI, and IMD set DGU students apart.



### Dedicated Forest Learning Spaces:

Forest nurseries, a biodiversity park, silviculture demonstration plots, and a living dendrology collection give students daily hands-on exposure.



### ICAR-Aligned Curriculum with NEP 2020 flexibility:

Multiple lateral exit options (Diploma at 3 years, Honours at 4 years) with credits mapped to ICAR norms.



### FOWE (Forest Occupational Work Experience):

Year 4 field immersion at forest divisions, wildlife sanctuaries, nurseries, and agro-forestry enterprises — preparing students for real-world deployment.



### Interdisciplinary Campus:

Study alongside B.Tech, BBA, MBA, and Law students — building the cross-disciplinary mindset that modern forest managers need.



## Career Opportunities

01

Natural Resource

02

Environment Consultant

03

Forest Officer

04

Wildlife Biologist

05

Forest Research Scientist

06

Forest Ranger (FSI)

# B.Sc. Agri Business (Hons.)

Duration : 4 years

The global food and agribusiness sector is vast and fast-growing — yet it needs professionals who understand both agriculture and business. This programme bridges that gap, preparing students to lead enterprises, manage supply chains, and drive digital transformation in Indian agriculture. A four-year honours pathway combines agronomic foundations with business, finance, marketing, law, and AI-powered analytics. Graduates emerge business-ready — equipped to join agribusiness firms, banks, commodity exchanges, cooperatives, and food processors, or to launch their own ventures.

## USPs of the Program



### Business + Agriculture Core:

Equal emphasis on agronomy, economics, marketing, finance, business law, supply chain management, and entrepreneurship — producing truly interdisciplinary graduates.



### AI-Integrated Business Analytics

ChatGPT/Claude for market intelligence and business planning, Miro AI for supply chain mapping, ArcGIS Pro AI for spatial market analysis, and Wolfram Alpha for financial modeling.



### Live Projects & Field Exposure:

Structured internship in Year 4 (Student-READY / RAWE program) at agribusinesses, commodity markets, cooperatives, and FPOs.



### Commodity Markets & APMC Exposure:

Students learn derivatives, futures trading, and commodity logistics through simulations and industry visits to mandis and exchanges.



### ICAR-Aligned with Business Edge:

Core agronomy and crop production subjects are benchmarked to ICAR standards while electives span entrepreneurship, IPR, CSR, and strategic management.



### Interdisciplinary Campus:

Shared campus with engineering, law, and management students ensures rich cross-disciplinary thinking — essential for modern agribusiness leadership



## Career Opportunities

01

International Agriculture Trade Specialist

02

Agriculture Officer

03

Agribusiness Manager

04

Commodity Trader

05

Finance Manager in Agribusiness

06

Agribusiness Consultant

# M.Sc. Agronomy

Duration : 2 years

A research-intensive, technology-forward programme for graduates seeking mastery in crop science, soil-plant relationships, and sustainable intensification. Agronomy lies at the core of India's food security, and this degree blends classical principles with digital tools — crop simulation models, GIS-based precision farming, AI diagnostics, and advanced statistical computing. ICAR-aligned coursework, field immersion, and innovation pathways ensure graduates are both academically accomplished and practically skilled. Career outcomes span research roles at ICAR institutes, faculty positions at agricultural universities, leadership in agri-tech companies, and entrepreneurship through the IDEA track.

## USPs of the Program



### AI-Powered Learning:

Generative AI for practices, weed management, climate simulations, and smart documentation.



### Precision Agriculture

GIS and remote sensing for nutrient mapping, weed monitoring, and water stress detection.



### Simulation-Based Training:

Crop models (AquaCrop, DSSAT, CROPWAT) for climate and water-stress scenarios.



### Data Science for Agronomists:

R, Python, and AI analytics for modeling, statistics, and visualization.



### Digital Field Diagnostics:

AI pest/disease detection, drone scouting, and IoT sensors.



### IDEA Track

Entrepreneurship-focused alternative to thesis for launching agri-tech ventures.



## Career Opportunities

01

Seed Inspector

02

Agronomist

03

Agribusiness Manager

04

Research Scientist

05

Crop Consultant

06

Climate Change Analyst

# Infrastructure & Learning Facilities

Our campus features world-class infrastructure designed to provide students with comprehensive, hands-on learning experiences that bridge theory and practice.



**Polyhouse**



**Basketball Court**



**Soil Laboratory**



**Food Processing Lab**



**Bio Chemistry Lab**



**Research Farm**



# Visits & Experiential Learning



# Clubs & Events



**3000+**

Students

**42%**

Female Students

**1:12**

Faculty Ratio

**22+**

Student-Led Clubs

**350+**

Companies recruit from campus every year

**100000+**

Alumni

**75%**

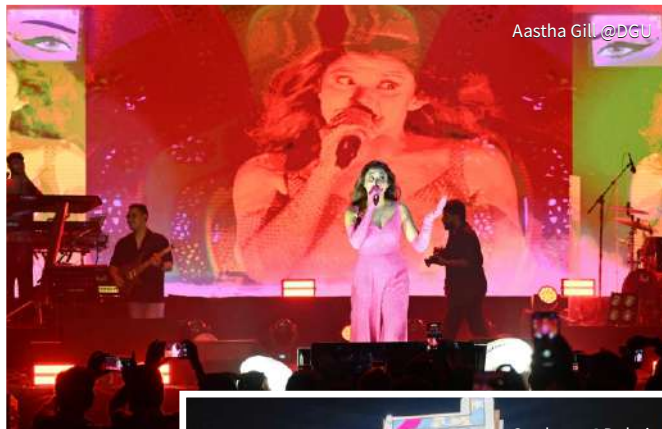
Industry Experienced Faculties

**90%**

of Students Live on Campus



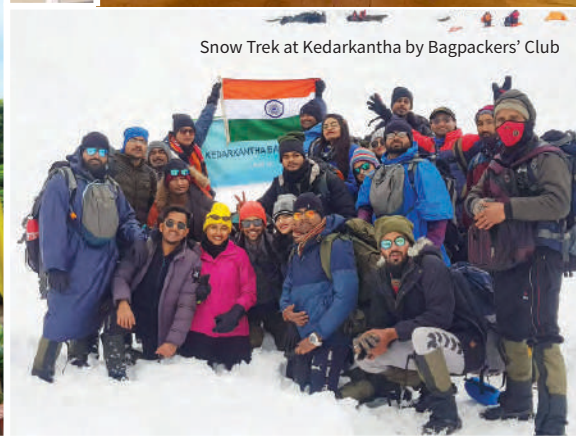
Students on corporate exposure tour to HongKong



Aastha Gil @DGU



Students @Dubai



Snow Trek at Kedarkantha by Backpackers' Club

Computer Science & Engineering | Management | Commerce | Law  
Liberal Studies | Film & Media | Agri | Forestry | Pharmacy | Nursing