



DEV BHOOMI
—UTTARAKHAND—
UNIVERSITY

21 years
of Academic
Excellence



DEPARTMENT OF **BIOTECHNOLOGY**

ADMISSIONS
OPEN 2026-27

Apply Now !
www.dbuu.ac.in | 1800 103 4049



About the University

RANKED

1ST

In Uttarakhand
(Professional Education by Education
World Rankings 2025-26)

Awarded as

**THE BEST
EMERGING UNIVERSITY**

by Asian Education Conclave

7TH

RANKED

In North India by THE
WEEK

8TH

RANKED

Outstanding Achievement in
Professional Education by
Education World Rankings
2025-26

25TH

RANKED

Top Universities in North India
by Times Rankings 2025

31ST

RANKED

Placement Category (All-India)
by Times Rankings 2025

66TH

RANKED

Top Engineering Institutions in
India by 2025 Times Rankings

Dev Bhoomi Uttarakhand University is the best university in Dehradun, Awarded as the Best Emerging University by the Asian Education Conclave and for Best Placement & Excellence in Academics in North India by the Ministry of Human Resources Development. Spread over a 42-acre green campus, the University offers 120+ programs across 12 schools, with modern classrooms, advanced labs, industry collaborations, and research facilities. DBUU provides a holistic and experiential learning environment, preparing students to become skilled, responsible, and globally competent professionals.

Salient Features



21+ years of
academic excellence



Focus on
student- centered
learning



Problem-based learning
& industry - relevant
curriculum



Best Placement
opportunities



Effective Learning
Module

120+
Programmes

44 LPA
Highest CTC

850+
Recruiters'
Network

15.5K+
Placement
Offers

22K+
Alumni

80%
Average
Placement



About the **Department**

The Department of Biotechnology at Dev Bhoomi Uttarakhand University is dedicated to delivering quality education in modern biological sciences by integrating scientific knowledge with technological innovation. The department fosters academic excellence, research-driven learning, and practical skill development to prepare students for careers in healthcare, pharmaceuticals, agriculture, environmental sustainability, industrial biotechnology, and life science research.

The department offers undergraduate and postgraduate programmes designed to provide a strong foundation in molecular biology, microbiology, genetics, biochemistry, cell biology, immunology, bioinformatics, genetic engineering, and bioprocess technology. The curriculum seamlessly combines theoretical concepts with hands-on laboratory training, enabling students to apply scientific principles to solve real-world biological and technological challenges.

Teaching and learning are supported by well-equipped laboratories, advanced instrumentation, practical demonstrations, research-based projects, industrial visits, seminars, workshops, and expert lectures. Students develop proficiency in molecular and microbiological techniques, cell culture, recombinant DNA technology, analytical instrumentation, data interpretation, quality assurance, and experimental design through extensive laboratory experience.

The department promotes innovation and scientific inquiry by encouraging students to participate in research projects, interdisciplinary collaborations, scientific conferences, biotechnology competitions, and entrepreneurship initiatives. Guided by experienced faculty members, students receive continuous mentorship in academics, laboratory research, project execution, and professional skill development, ensuring holistic growth and career readiness.

Courses offered

The Department of Biotechnology at Dev Bhoomi Uttarakhand University (DBUU) offers a diverse range of industry-oriented academic programmes designed to equip students with in-depth knowledge and practical skills in modern biological sciences and biotechnology.

Undergraduate Programmes

II B.Sc. (Hons) - Biotechnology - Duration : 3/4 Years

Eligibility — The candidate must have passed 10+2 examination with (PCB/CBZ) from a recognized board or its equivalent with minimum 45% marks (40% in case of candidate belonging to reserved category).

II B.Tech (Biotechnology) - Duration : 4 Years

Eligibility — The candidate must have passed 10+2 with PCM/PCB from a recognized board or its equivalent with minimum 50% marks (45% in case of candidate belonging to reserved category).

Postgraduate Programme

II M.Sc. Biotechnology - Duration : 2 Years

Eligibility — The candidate must have completed Bachelor's Degree in following area with minimum 45% or equivalent CGPA in aggregate.

Microbiology: PCB/CBZ/Microbiology/Biochemistry

Food Technology: Food Technology/Microbiology/Biotech/Agriculture/CBZ/Home-Science

Biotechnology: Biotechnology/CBZ/Agriculture/Allied Subjects

Programme Highlights



Multidisciplinary Curriculum

Biotechnology programmes integrate biology, chemistry, bioinformatics, engineering, and life sciences to provide students with interdisciplinary knowledge and practical skills, preparing them for careers in biotechnology and life sciences.



Renowned Faculty

Our distinguished faculty comprises accomplished academicians, researchers, and industry experts committed to delivering excellence in teaching, fostering innovation, and mentoring future biotechnology professionals.



Effective Learning Module

A well-structured curriculum enriched with experiential learning, advanced laboratory training, industry-relevant projects, and case-based teaching to foster academic excellence and professional competence.



Infrastructure For Practice

Modern infrastructure for practice includes well-equipped laboratories and training facilities that support hands-on learning and skill development. These facilities help students gain practical experience and industry-relevant skills, research & development.

DBUU : Centre of Excellence in Bioinformatics



Dev Bhoomi Uttarakhand University recognizes the importance of bioinformatics in modern biological research and its potential to revolutionize the understanding of complex biological systems. The establishment of a Centre of Excellence in Bioinformatics at DBUU by Uttarakhand Science Education & Research Centre (USERC) aims to leverage this potential by providing a dedicated platform for research, education, and collaboration in bioinformatics. The Centre of Excellence in Bioinformatics at DBUU will address the growing demand for expertise in data analysis, computational modeling, and integrative biology. By fostering an environment that encourages interdisciplinary collaboration, the centre will bring together researchers and students from various departments, including biology, chemistry, computer science, and statistics.

This collaborative approach will enable the development of innovative solutions to complex biological problems. Moreover, the centre will serve as a resource hub, offering access to state-of-the-art computational tools, databases, and software necessary for cutting-edge bioinformatics research. By providing advanced training programs and educational courses, the centre will equip students and researchers with the skills and knowledge required to excel in the field of bioinformatics.



Career Opportunities

Students can build successful careers as:

- Biotechnologist
- Research Scientist
- Microbiologist
- Molecular Biologist
- Clinical Research Associate
- Quality Control & Quality Assurance Officer
- Bioinformatics Analyst
- Pharmaceutical Scientist
- Food & Fermentation Technologist
- Environmental Consultant
- Genetic Counselor
- Regulatory Affairs Executive

Research Focus Areas

Research Areas:

- Molecular Biotechnology
- Genetic Engineering
- Plant Biotechnology
- Industrial Biotechnology
- Medical Biotechnology
- Environmental Biotechnology
- Microbial Biotechnology
- Bioinformatics
- Immunology
- Genomics



State-of-the-Art Laboratories



Bringing Corporate to the Classroom@DBUU



120+

Guest lectures by
Industry experts



110+

Hands on workshops



70+

Educational visits



55+

Technical workshops
on latest technologies



50+

Industry visits



45+

Social responsibility
programs



40+

Industry
collaborations



40+

Cultural events



20+

Workshop camp



20+

Sports events



10+

Social events



04+

Annual events

Annual Technical fest Navadhara



Navadhara is an annual technical fest organized by Dev Bhoomi Uttarakhand University, aimed at providing a platform for students to learn from prominent experts, showcase their technical skills, foster innovation, and promote collaboration among budding technologists. The event aims to bring together students from various schools, colleges and universities to participate in a series of competitions, workshops, and exhibitions centered around emerging technologies and engineering disciplines.



Students Technical Skills & Innovation



Annual Cultural Fest

PINAK

DEV NEGI
PINAK 2025



SONU NIGAM
PINAK 2023



JAVED ALI
PINAK 2022



**PRIYANAKA
MEHAR**
PINAK 2022



**SHANKAR
MAHADEVAN**
PINAK 2025



STEBIN BEN
PINAK 2026



BISMIL
PINAK 2026



**SHREYA
GHOSHAL**
PINAK 2024

Shaping Your Future with DBUU's 120+ PROGRAMMES

ENGINEERING

- **B. Tech**
 - Computer Science & Engg.
 - AI & Machine Learning
 - Cyber Security & Forensics
 - Data Science*
 - AI and Data Science*
 - Civil I Mechanical I Aerospace
 - Electronics & Communication
 - Electrical Engineering
 - Electric Vehicle Technology*
- **M. Tech**
 - Computer Science & Engg.
 - Structural I Geotechnical Engg.
 - Transportation Engg.
 - Digital Communication
 - Energy Tech. I Thermal I Production
 - Smart Grid

COMPUTER APPLICATION

- **BCA / BCA with research**
 - Core
 - Cyber Security
 - Data Science*
 - Full Stack Development*
 - AI & Data Science*
- **B.Sc IT (Information Technology)**
- **B.Sc CS (AI & Data Science)***
- **MCA**
 - Core
 - AI & Data Science*

AGRICULTURE

- **B.Sc (Hons)**
 - Agriculture
 - Forestry
 - Natural Farming
 - Community Science
- **M.Sc**
 - Agronomy I Plant Pathology
 - Genetics & Plant Breeding
 - Horticulture (vegetable Science)

PHARMACY

- **D.Pharm**
- **B.Pharm**
- **Pharm.D**
- **M.Pharm**
 - Pharmaceutics
 - Pharmacology
- **M.Sc (Pharmaceutical Chemistry)**

AYURVEDA & HOSPITAL

- **BAMS**

ANIMATION, DESIGN & PLANNING

- **B. Design**
 - Graphic Design I Interior Design
 - Digital Product Design / UI & UX *
 - Game Design & Animation*
- **B.Sc Animation, VFX & Gaming**
- **M.Sc Animation & Multimedia**
- **M. Plan**
- **M. Design**
 - Interior Design
 - Digital Product Design / UI & UX *

DEV BHOOMI SCHOOL OF ARCHITECTURE

- **Diploma in Architecture**
- **B. Arch**

JOURNALISM & LIBERAL ARTS

- **BA (Hons) / with research**
 - Journalism & Mass Comm. I English | Psychology
- **Bachelor of Fine Arts (BFA) | MFA**
- **Fashion Design**
 - Diploma | B. Design I B.Sc
- **MA**
 - Journalism & Mass Com. I English I Fashion Design & Merchandising

HOTEL MANAGEMENT & TOURISM

- **Diploma**
 - Food Production
 - Bakery & Confectionery
 - Food & Beverage Service
- **BHM I MHM**
- **BBA**
 - Tourism & Event Management
- **B.Sc**
 - Hospitality & Hotel Management

NURSING

- **GNM**
- **B.Sc Nursing**

LAW

- **Three Years Degree Program**
 - LL.B
- **Five Years Integrated Degree Program**
 - B.A. LL.B (Hons.)
 - B.B.A. LL.B (Hons.)
 - B.Com. LL.B (Hons.)

POLYTECHNIC (UBTER)

- **Diploma**
 - CSE I EE I CE
 - ME (Automobile / Production)

MANAGEMENT & COMMERCE

- **BBA / BBA with research**
 - Core HR/IB/Marketing/Finance
 - Business Analytics*
 - Digital Marketing*
 - Fintech & Digital Banking*
 - Aviation & Airport Management
 - AI and Data Science*
- **B.Com / B.Com (Hons)**
 - B.Com (Hons) with ACCA
 - B.Com (Hons) with CMA
- **MBA**
 - Core HR / Marketing / Finance / International Business / Logistics & Supply Chain Management
 - Business Analytics*
 - Digital Marketing*
 - Agribusiness
 - AI and Data Science*

ALLIED SCIENCES

- **B.Sc (Hons) / with research**
 - Forensic Science
 - Food Technology
 - Biotechnology | Microbiology
 - Chemistry | Zoology
- **B. Tech - Biotechnology**
- **M.Sc**
 - Food Technology
 - Biotechnology
 - Microbiology
 - Forensic Science
 - Industrial Chemistry

PARAMEDICAL SCIENCE

- **B.PT**
- **B.MRIT**
- **B.MLS**
- **B.AOTT**
- **B.Optom**
- **B.Sc**
 - Medical Microbiology
- **BHA**
- **MHA**
- **Master of Public Health (MPH)**

* Indicates Industry Integrated



Scan QR Code



Apply Now : www.dbuu.ac.in | info@dbuu.ac.in
1800 103 4049 |  94115 19803

Haldwani : +91-9368819491
Srinagar, Garhwal : +91-8171791997, +91-7906417014
Bijnor, Uttar Pradesh : +91-9897620060
Jammu & Kashmir : +91-7006856004, +91-725101101
Himachal Pradesh : +91-9368408965
South : +91-9010648377, +91-9390087742, +91-8465854944

 VIRTUAL TOUR



CONNECT WITH US!



Dev Bhoomi Campus, Chakrata Road Navgaon
Manduwalla, Dehradun - 248007, Uttarakhand, INDIA