



**G.B. Pant University of Agriculture and Technology,
Pantnagar - 263145, Uttarakhand**

ADMISSION 2020

B.Tech. Biotechnology

College of Basic Sciences & Humanities

(Accredited by ICAR, Govt. of India)

Join in for enriching career opportunities



Facilities for the Students



Laboratories:

- o Molecular Cytogenetics Lab
- o Plant Stress and Nano Biotechnology Lab
- o Bioprospecting and Metabolomics Lab
- o Bioinformatics and System Biology Lab
- o Immunodiagnostic and Pretomics Lab
- o Biosafety and Molecular Diagnostic Lab
- o Plant Tissue Culture Facility
- o Animal Cell Culture Facility
- o Central Instrumentation Facility

Central Computing Facility:

- o Constructed under the World Bank funded project "Technical Education Quality Improvement Programme"
- o Equipped with around 225 terminals including graphic workstations and high end desktops.
- o It provides internet facility to students and staff of all the colleges, offices and hostels of Pantnagar University.



Library:

- o One of Asia's largest in terms of content
- o Automated system, self check out lending machine and book drop.
- o Access to online journals
- o D-space Digital book Repository and E-learning portal.
- o World class E-journals



Physical Health:

- o Athletic Stadium
- o Football Ground
- o Squash Court
- o Badminton Court
- o Tennis Court
- o Basketball Court
- o Gymnasium etc.



About the Program

The B.Tech (Biotech) program, started in the the year 2008, provides theoretical as well as hands-on practical training in frontier areas of Biotechnology. Students graduating from the program are well versed with the latest recombinant DNA techniques, Genomics & Proteomics analytical skills, Nanotechnology etc. Emphasis is laid on interdisciplinary learning approaches, wherein students are encouraged to take courses from across the disciplines.

Job Opportunities and Higher Studies Window

- Research Scientists in MNCs and Govt Organizations
- Teaching Faculty
- Management jobs in seed & fertilizer companies
- Bio-IT Jobs in companies like Samsung, TCS.
- Drug Design and Pharmaceutical Research
- Agriculture Officers in Banks
- Environment Control & Evaluation projects
- Bio and Renewable Energy companies
- Ample opportunities to rise through higher studies in Institutes like IIT-D, IIT-M.
- Avenues for MS and Ph.D. from foreign Universities

Brief Profile of the Department and Program

The College of Basic Sciences & Humanities was established in 1960 along with the inception of the University. B.Tech (Biotechnology) program is the flagship undergraduate program of the College. The Department of Molecular Biology & Genetic Engineering serves as the nodal department for the B.Tech. (Biotech) program. The PG program of the Department is fully funded by the Department of Biotechnology Govt. of India, while the B.Tech (Biotech) program is accredited by ICAR, Govt. of India.

The B.tech. (Biotechnology) program has specifically been catering to the needs of trained human resource in biotech sector and follows a pyramidal approach of learning. This pyramidal learning is accentuated by the introduction of newer subjects like Nano-Biotechnology, in-silico Biology, etc. The program follows a dynamic approach wherein, apart from the agri-biotech knowledge base, the students are trained in entrepreneurial skills. The program has built strong linkages with the industry.

For more information, Please Contact

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