



# DEPARTMENT OF BIOTECHNOLOGY

## University Institute of Engineering and Technology, Panjab University, Chandigarh



### Admissions open for ME (Biotechnology) Session 2024-25

#### VISION

To nurture world-class bioengineers with a potential to innovate, invent and disseminate knowledge for the benefit of society and environment.

#### SALIENT FEATURES

- The Department of Biotechnology is perfectly poised to offer students an opportunity to develop expertise and succeed in building a career in the exciting areas of biotechnology and its allied fields.
- UGC scholarship available for GATE qualified candidates.
- One DBT-Builder scholarship is available to the selected candidate.
- Infrastructure Development and Research projects worth more than Rs. 10 crore, funded by DBT, DST, and other funding agencies.
- Alumni are currently pursuing research work in renowned National and International institutions such as PGI, CIAB, INST, CSIO, IIM, IISER, Texas A&M University, among others.
- Our alumni have secured positions in highly prestigious organizations like Paraxel, Roots Analysis, ZS Associates, and more.

#### FACULTY

- Experienced faculty members with over 15 years of teaching experience, actively involved in a wide range of research domains.
- More than 300 research papers in SCI/SCOPUS journals and 5 patents filed.
- Research and collaborations at the National and International levels.

#### THRUST AREAS

Our focus lies on exploring the latest trends in Bioengineering, encompassing a diverse spectrum of fundamental aspects such as Microbiology, Biochemistry, Genetic Engineering, Enzyme Engineering, Bioinformatics, and System Kinetics. To apply these interdisciplinary approaches to various fields, including

- **Biodegradation,**
- **Computational Biology,**
- **Cancer Biology,**
- **Diagnostics,**
- **Therapeutics,**
- **Pathophysiology,**
- **Toxicity analysis,**
- **Nano-biosensors,**
- **Catalysis**
- **Bioprocess Engineering,**

The Department is equipped with good laboratory infrastructure, sophisticated central instrumentation facility, for cutting edge research in the emerging areas.

#### SCOPE

The course provides students with a distinctive opportunity to pursue careers in Bioprocess Technology, Nano-biotechnology, Drug Discovery and Development, Environmental Bio-remediation, Disease Diagnosis, Bioinstrumentation, Intellectual Property Rights (IPR), Sensors, and more.

#### MODE OF ADMISSION

**Seats:** 12+ 2(NRI)+1(FN)+ Additional seats

Preference will be given to GATE qualified candidates. Candidates with at least 60% marks in the qualifying examination will be given admission if seats remain vacant after GATE qualified candidates' admission.

**Eligibility:** B.E./B.Tech Biotechnology Engineering/Biochemical Engineering with atleast 60% marks in aggregate from Panjab University or any other University recognized by Panjab University as equivalent thereto.

#### Contact :

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**APPLY NOW**