

## CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (Autonomous)

### DEPARTMENT OF BIOTECHNOLOGY

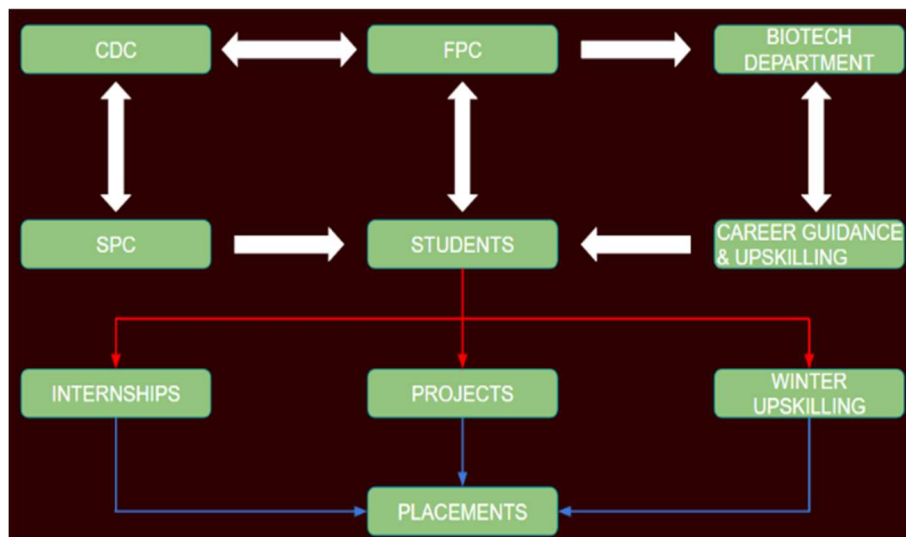
#### Pre-Placement Training and Career Development Activities.

The Department of Biotechnology at CBIT is committed to ensuring that its students are well-prepared to transition successfully from academia to industry, higher education, or entrepreneurial ventures. The department follows a structured and holistic Pre-Placement Training (PPT) process to enhance the Gainful Engagement Percentage of its B.Tech Biotechnology graduates.

#### 1. Career Mapping and Preference Collection

The training process begins by understanding individual student aspirations through structured Career Preference Surveys. Students are categorized based on their interest in:

- Core Biotechnology / Research Careers
- Non-Core / IT or Consulting Careers
- Higher Education Abroad (MS/PhD)
- Entrepreneurship / Startups



Flow of Communication With Students

This data-driven approach ensures that each student receives focused support aligned with their chosen career trajectory.

## 2. Customized Pre-Placement Activities

### A. Industry-Oriented Training for Core & Non-Core Placements

- Aptitude and Soft Skills Training: Conducted in collaboration with the Training & Placement Cell, these sessions enhance logical reasoning, quantitative skills, verbal ability, and group discussion/interview etiquette.
- Technical Training: Focused workshops on biotechnology core concepts, lab techniques, data interpretation, and interdisciplinary skills (like bioinformatics and coding for non-core roles).
- Guest Lectures & Expert Talks: Industry experts are invited to provide insights on emerging technologies, innovation, and career progression.
- Industrial Visits: Students are taken to biotech industries and research labs to gain real-world exposure to industrial processes and R&D environments.

### B. Alumni Interaction and Mentoring

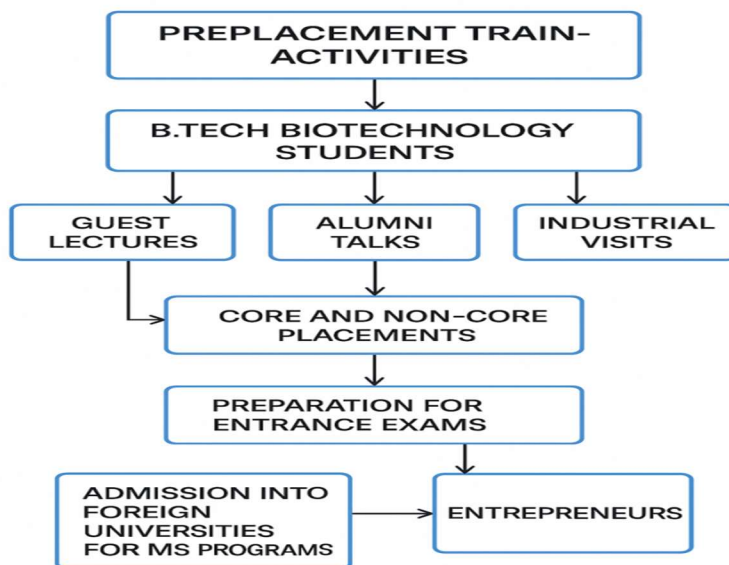
- Alumni Talks: Successful alumni from various domains (corporate, research, academia, startups) interact with students, share experiences, and offer mentorship.
- Webinars: Interactive platforms for real-time Q&A and guidance on career paths.

### C. Higher Education Support (GATE / MS / PhD)

- Coaching for Standardized Tests: Access to preparatory resources for GATE, GRE, TOEFL, IELTS, GMAT, Duolingo, etc.
- Research Mentorship: Students are encouraged to pursue summer internships, publish research papers, and participate in conferences to build strong academic profiles.

### D. Entrepreneurial Development

- Idea Pitching & Incubation Support: Students with innovative ideas are encouraged to participate in hackathons and seek incubation support.
- Atal Community Innovation Centre (ACIC) at CBIT: Approved under Atal Innovation Mission (AIM) by NITI Aayog to promote innovation and entrepreneurship with state-of-the-art infrastructure.



Graduation Year	Total Strength	Placed / Higher Studies / Entrepreneurs	Gainful Engagement %
2021	38	36	94.73%
2022	51	41	80.39%
2023	52	46	90.19%
2024	54	48	85.71%
2025	62	21 (Ongoing)	33.87% (in progress)

### 3. Outcome Measurement

#### Gainful Engagement Trends

#### Average Placement Package Over the Last Five Years

- 2021 – ₹3.73 LPA
- 2022 – ₹3.84 LPA
- 2023 – ₹3.32 LPA
- 2024 – ₹5.10 LPA
- 2025 – ₹4.53 LPA

#### Top Universities Chosen by Students for Higher Education

S.No	University Name
1	Johns Hopkins University
2	Boston University
3	Northeastern University
4	Arizona State University
5	University of South Florida
6	University at Buffalo
7	University of Cincinnati
8	University of New Haven

Top Recruiters for Biotechnology Department

Core companies



*Biological E. Limited*  
Celebrating Life Every Day



Non-core companies

