

M.Tech in Biotechnology Programme

Minimum 60% marks or equivalent CGPA (under grading system) from any recognized university in any one of the following:

Anna University:

B. Pharmacy OR B.Tech / BE in:

1. Chemical Engineering
2. Biochemical Engineering
3. Pharmaceutical Technology
4. Leather Technology
5. Chemistry/Biotechnology
6. Biomedical Engineering
7. Industrial Biotechnology
8. Chemical Technology
9. Food Technology
10. Dairy Technology
11. Food Engineering

OR

For University:

M. Sc. in

1. Biotechnology
2. Life Sciences
3. Botany, Zoology, Biochemistry
4. Microbiology, Genetics
5. Biophysics

Detailed Eligibility Criteria University/-Wise

- ❖ **For Anna University:** Candidates with B.Tech/B.E in Electrochemistry, Bioengineering, Pharmaceutical Technology, Food Technology, B.Tech. in Agricultural Biotechnology and M.Sc. in Chemistry & Physics are also eligible.

- ❖ **For Cochin University of Science and Technology:** Candidates with M.Sc in Marine Biotechnology, Marine Biology/Aquatic Biology & Fisheries, Environmental Biotechnology are also eligible.

- ❖ **For West Bengal University of Technology:** Candidates with M.Sc. in Bioengineering are also eligible.

For Institute of Chemical Technology:

a) M. Tech. Bioprocess Technology: Candidates with B. Pharmacy; B. Tech. degree any branch of chemical technology of ICT or or any other equivalent degree of any University recognized by the UGC of four- year degree course after HSSC/Std. XII, with 60% marks in aggregate or equivalent CGPA [55% marks in aggregate or equivalent CGPA for the backward class candidate]. B. Tech./ B.Sc. (Tech.)/ B. E. in Food Engineering and Technology/ Food Engineering/ Food Technology/ Food Process Technology/ Food Process Engineering/ Dairy Technology/ Biotechnology/ Biochemical Engineering/ Pharmaceutical Technology/ Oil Technology, pharmaceutical technology, food technology, textile and fibers technology, polymer engineering and technology, dairy technology, industrial biotechnology, Oil & Oleochemicals technology, dyes and dyestuff technology or any equivalent degree of full four year duration of any University recognized by the UGC. B.E/B. Tech in Chemical Engineering, food engineering, biochemical engineering, biomedical engineering; B. Chemical Engineering; Three year degree programs in these disciplines are not recognized for admission; MSc in biotechnology, life sciences, biochemistry, microbiology, molecular biology, microbial genetics, genetics & bioinformatics or equivalent thereof from any recognized university are eligible.

b) M. Tech. Food Biotechnology: The candidate should have passed B. Tech. degree in Food Engineering and Technology of the ICT or any other equivalent degree of any University recognized by the UGC of four- year degree course after HSSC/Std. XII, with 60% marks in aggregate or equivalent CGPA [55% marks in aggregate or equivalent CGPA for the backward class candidate].

OR

B. Tech./ B.Sc. (Tech.)/ B. E. in Food Engineering and Technology/ Food Engineering/ Food Technology/ Food Science/ Food Process Technology/ Food Process Engineering/ Dairy Technology/ Biotechnology/ Biochemical Engineering/ Pharmaceutical Technology/ Oil Technology or any equivalent degree of full four year duration of any University recognized by the UGC. Three year degree programs in these disciplines are not recognized for admission; OR M. Sc. in Biotechnology/ Life Sciences/ Biochemistry/ Microbiology/ Genetics/ Microbial Genetics and Bioinformatics or equivalent thereof from any recognized university.

c) M. Tech. Pharmaceutical Biotechnology: Candidates with B. Pharmacy; B. Tech. degree any branch of chemical technology of ICT or or any other equivalent degree of any University recognized by the UGC of four- year degree course after HSSC/Std. XII, with 60% marks in aggregate or equivalent CGPA [55% marks in aggregate or equivalent CGPA for the backward class candidate]. B. Tech./ B.Sc. (Tech.)/ B. E. in Biotechnology/ Biochemical Engineering/ Pharmaceutical Technology, pharmaceutical technology, industrial biotechnology, or any equivalent degree of full four year duration of any University recognized by the UGC. B.E/B. Tech in Chemical Engineering, biochemical engineering, biomedical engineering; B. Chemical Engineering; Three year degree programs in these disciplines are not recognized for admission; MSc in biotechnology, life sciences, biochemistry, microbiology, molecular biology, microbial genetics, genetics & bioinformatics or equivalent thereof from any recognized university are eligible.

❖ **For Indraprastha Institute of Information Technology Delhi, New Delhi :**

M.Tech in Computational Biology

1. B.Tech/BE in any discipline
2. MCA
3. MSc. (Physics, Chemistry, Mathematics , Computer Science, Biochemistry, Microbiology, Biotechnology, Biophysics, Bioinformatics, Biomedical sciences)
4. B.Pharm
5. MBBS

Applicants must have done the following at their qualifying degree from a recognized institution / online education portal:

?

- at least one computer programming course, and
- at least two Mathematics courses

All applicants must have CGPA of at least 6.5 out of 10 or 65% in qualifying exam. The applicant must have at least 60% in all previous degrees including 10+2. Candidates in the final year of their programs and who expect to complete all their qualifying degree requirements before the date of registration are also eligible to apply for admissions. For selection purposes, their performance until the preceding semester (preceding year if their programs are year based) would be considered but their admission would be provisional, subject to their meeting the minimum eligibility criteria after their final qualifying examination results are announced.

Students shortlisted from JNU-CEEB would be required to appear for an interview at IIIT-Delhi, after which the final selections would be made.

Reservation Norms: IIIT-Delhi provides relaxation to SC, ST, OBC, PWD and CW category candidates. Specifically, candidates under these categories have CGPA of at least 6.0 out of 10 or 60%. They must have at least 55% in all previous degree including 10+2. Applicants who do not satisfy the above criteria will not be able to submit the application form.

Important Notes:

- Before applying, please ensure that you fulfil the eligibility requirements as prescribed above. Also please note that permission to appear in the entrance examination is strictly subject to your fulfilling the minimum eligibility requirements prescribed by each University as detailed above. You may, therefore, appear in the entrance examination only if you fulfil the eligibility requirements for M. Tech Biotechnology Programme. Despite this caution, in case you do not meet the minimum eligibility criteria and still appear in the entrance examination, you will do so at your own risk and cost, and if at any stage, it is found that you do not fulfil the minimum eligibility requirements, the admission, if granted to you, shall be cancelled ipso facto.
- Number of seats is subject to change by the participating Universities.

- Candidates who are due to appear in the final semester/year of the qualifying examination shall also be considered for appearing in the entrance examination provided they have secured 60% or equivalent CGPA (under grading system) in previous semesters/year. However, in the event of their selection, the admission will be granted to them subject to their securing minimum 60% marks or equivalent CGPA in their qualifying examination.
- Candidates seeking admission to above mentioned M. Tech programmes and who are GATE/GAPT qualified or wishing to appear to such national level exams need to apply to JNU-CEEB.