

Short-listing criteria for Admission to Ph.D. Program

Department of Biochemical Engineering and Biotechnology

The candidates must have first class (60% or 6.0/10 CGPA) in all examinations starting from 10+2 up to the qualifying exam and they must meet the following criteria based on their qualifying exam degree:

| Qualifying exam | Acceptable majors | General Category | OBC (Non-creamy layer) | SC/ST & PD |
|-------------------------------------|---|---|---|---|
| B. Tech/B.E. | Biochemical Engineering, Chemical Engineering, Biotechnology, Industrial Biotechnology, Bioinformatics, Environmental Engineering, Pharmaceutical Biotechnology | (i) B.Tech 70% or 7.0/10 CGPA (ii) Valid JRF or GATE score of min. 650 in Life Sciences or Biotechnology or Chemical Engg. | (i) B.Tech 70% or 7.0/10 CGPA (ii) Valid JRF or GATE score of min. 600 in Life Sciences or Biotechnology or Chemical Engg. | (i) B.Tech 65% or 6.5/10 CGPA (ii) Valid JRF or GATE score of min. 550 in Life Sciences or Biotechnology or Chemical Engg. |
| M. Tech / M.E / MS(R) or equivalent | Biochemical Engineering, Chemical Engineering, Biotechnology, Industrial Biotechnology, Bioinformatics, Environmental Engineering, Pharmaceutical Biotechnology | (i) M.Tech 70% or 7.0/10 CGPA (ii) GATE score not required | (i) M.Tech 70% or 7.0/10 CGPA (ii) GATE score not required | (i) M.Tech 65% or 6.5/10 CGPA (ii) GATE score not required |
| M.Sc | Biochemistry, Biotechnology, Bioinformatics, Biophysics, Biosciences, Chemistry, Environmental Science, Genetics, Life Sciences, Microbiology | (i) M.Sc. 60% or 6.0/10 CGPA (ii) Valid JRF or GATE score of min. 650 in Life Sciences or Biotechnology or Chemical Engg | (i) M.Sc. 60% or 6.0/10 CGPA (ii) Valid JRF or GATE score of min. 600 in Life Sciences or Biotechnology or Chemical Engg | (i) M.Sc. 55% or CGPA 5.5/10 (ii) Valid JRF or GATE score of min. 550 in Life Sciences or Biotechnology or Chemical Engg. |

For B.Tech graduates from IITs

In respect of B.Techs from IITs graduating with a CGPA of 8.0 or above, the requirement of qualification through a national examination is waived off.

For B.Tech students from Centrally Funded Technical Institutions (CFTI)

Requirement of qualification in GATE / National Exam is waived for the following categories of applicants:

(i) Currently registered students in Centrally Funded Technical Institutes (CFTIs) pursuing B. Tech./B.E./ Integrated M. Tech/ Integrated M. Sc. programmes, who have completed 6 semesters or more, and have CGPA of 8.000 or above (on a 10 point scale). Such students must obtain a CGPA of 8.000 or above at the time of graduation, and before they formally register for the Ph.D. programme (80% aggregate marks, if marks is the primary mode of evaluation);

(ii) Graduates of CFTIs (in the programmes marked under (i)) with a final graduation CGPA of more than 8.000 (80% aggregate marks, if marks is the primary mode of evaluation);

(iii) M.A or M.Sc. graduates from IITs with CGPA 8.000 or above.