

## Annexure 6

### Admission to PhD Program in Department of Biochemical Engineering and Biotechnology

#### Short-listing criteria (2016-2017 Semester 2)

The candidates must have first class (60% or 6.75/10 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.	Biochemical Engineering / Chemical Engineering / Biotechnology	(i) B.Tech 70% or 7.5/10 CGPA  (ii) Valid JRF or GATE score of min. 600 in Life Sciences or Biotechnology or Chemical Engg.	(i) B.Tech 70% or 7.5/10 CGPA  (ii) Valid JRF or GATE score of min. 550 in Life Sciences or Biotechnology or Chemical Engg	(i) B.Tech 65% or 7.1/10 CGPA  (ii) Valid JRF or GATE score of min. 500 in Life Sciences or Biotechnology or Chemical Engg.
M. Tech./ M.S. (R)	Biochemical Engineering / Chemical Engineering / Applied Microbiology/ Industrial Biotechnology/ Genetics / Pharmaceutical Biotechnology / Food Technology (with B.Tech/M.Sc in Biotech) / Bioinformatics (with B.Tech/M.Sc in Biotech)	(i) M.Tech 70% or 7.5/10 CGPA  (ii) GATE score not required	(i) M.Tech 70% or 7.5/10 CGPA  (ii) GATE score not required	(i) M.Tech 60% or 6.75/10 CGPA  (ii) GATE score not required
M. Sc.	Biotechnology / Life Sciences / Biochemistry/ Biophysics/Bioinformatics (with B.Tech/B.Sc in Biotech)/ Environmental Sci (with B.Tech/B.Sc in Biotech)/ Chemistry/ Biotechnology / Microbiology/ Genetics / Biosciences/ Botany (with Microbiology) / Zoology (with Microbiology)	(i) M.Sc. 60% or 6.75/10 CGPA  (ii) GATE score 600 or valid JRF	(i) M.Sc. 60% or 6.75/10 CGPA  (ii) GATE score 550 or valid JRF	(i) M.Sc. 55% or CGPA 6.25/10  (ii) GATE score 500 or valid JRF

#### **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 students from Centrally Funded Technical Institutions (CFTI)**

Students from CFTIs (Centrally Funded Technical Institutions - IIT's, NIT's, IIIT's, etc) having CPI/CGPA 7.00 (at 10.00 scale) at the end of 3rd year are also eligible for admission to PhD. The requirement of qualification through a national examination is waived off.

#### **For Part-Time and Sponsored (full-time) candidates**

- All candidates should have a minimum experience of one year.
- The minimum qualification for these candidates is the same as for full-time candidates, except that the requirement for qualifying in a national examination is waived off.