

DEPARTMENT OF TEXTILE AND FIBRE ENGINEERING

Shortlisting Criteria for Ph.D. Admission in Semester I, 2023-2024
Shortlisting Criteria for Full-time Candidates

Degree	Percentage Marks (Equivalent CGPA on a 10-point scale)	GATE Score
B.E. / B.Tech./M.Sc. (Textile) *		
GE	70 % (7.0)	≥ 500
EWS	70 % (7.0)	≥ 500
OBC (NCL)	70 % (7.0)	≥ 450
SC/ST/PH	65 % (6.5)	≥ 333
B.E. / B.Tech. / M.Sc. (Others) *		
GE	70 % (7.0)	≥ 600
EWS	70 % (7.0)	≥ 600
OBC (NCL)	70 % (7.0)	≥ 540
SC/ST/PH	65 % (6.5)	≥ 400
M.E. / M.Tech.		
GE	60 % (6.0)	NA
EWS	60 % (6.0)	NA
OBC (NCL)	60 % (6.0)	NA
SC/ST/PH	55 % (5.5)	NA

**GATE score is not required if the applicant has qualified CSIR/UGC NET/DST-INSPIRE for fellowship.*

Additional Shortlisting Criteria:

- In 12th standard, the applicant should have taken any three of the following subjects: Mathematics, Physics, Chemistry, Biology.
- Currently registered students in Centrally Funded Technical Institutes (CFTIs) pursuing BTech / BE / Integrated MTech / Integrated MSc programmes, who have completed 6 semesters or more and have CGPA of 8.0 or above (on a 10-point scale), the requirement of qualification in GATE / National Examination is waived off. Such students must obtain a CGPA of 8.0 (80 % in aggregate marks) or above at the time of graduation, and before they formally register for the PhD programme.

- Graduates of CFTIs in BTech / BE / Integrated MTech / Integrated MSc programmes with a final graduation CGPA of more than 8.0 (80 % aggregate marks), the requirement of qualification in GATE / National Examination is waived off.
- For MSc graduates from IITs with CGPA of 8.0 (80% aggregate marks) & above, the requirement of qualification in GATE / National Examination is waived off.
- The candidate should have obtained not less than 60% in all previous degrees and certificates.
- The students from other background should have qualifying degree in any of one of the following disciplines: Physics, Chemistry, Chemical Engineering, Biochemical Engineering, Material Science and Engineering, Energy Engineering, Electrical/Electronics Engineering, Computer Science and Engineering, Apparel Engineering, Fashion Technology, Biotechnology, Microbiology, Nanotechnology, Polymer Science, Rubber Technology, Civil Engineering, Mechanical/Production/Industrial Engineering, MBA students with BE/BTech degree.

Shortlisting Criteria for Part-time & Sponsored (full-time) Candidates

Degree	Percentage Marks (Equivalent CGPA on a 10-point scale)
B.E. / B.Tech./M.Sc. (Textile) *	
GE	70 % (7.0)
EWS	70 % (7.0)
OBC (NCL)	70 % (7.0)
SC/ST/PH	65 % (6.5)
B.E. / B.Tech. / M.Sc. (Others) *	
GE	70 % (7.0)
EWS	70 % (7.0)
OBC (NCL)	70 % (7.0)
SC/ST/PH	65 % (6.5)
M.E. / M.Tech.	
GE	60 % (6.0)
EWS	60 % (6.0)
OBC (NCL)	60 % (6.0)
SC/ST/PH	55 % (5.5)

Additional Shortlisting Criteria:

- In 12th standard, the applicant should have taken any three of the following subjects: Mathematics, Physics, Chemistry, Biology.
- Candidate should have obtained not less than 60 % in all previous degrees and certificates.

- Students from other background should have qualifying degree in any of one of the following disciplines: Physics, Chemistry, Chemical Engineering, Biochemical Engineering, Material Science and Engineering, Energy Engineering, Electrical/Electronics Engineering, Computer Science and Engineering, Apparel Engineering, Fashion Technology, Biotechnology, Microbiology, Nanotechnology, Polymer Science, Rubber Technology, Civil Engineering, Mechanical/Production/Industrial Engineering, MBA students with BE/BTech degree.
- The applicant must be an employee of Public Sector Undertaking or Government Department or Research and Development Organization or Private Industry.
- The work experience of the applicant required after obtaining the qualifying degree and as on date of registration is given below.

Qualification	Work Experience (Post Qualification)
M. E./M.Tech.	Nil
B.E./B.Tech./M.Sc. from CFTIs/Central Universities	1 Year
B.E./B.Tech./M.Sc./MBA and working in IIT Delhi (Project or Regular) ** ** The application should come through proper channel.	1 Year
B.E./B.Tech./M.Sc./MBA from institutions other than CFTIs/ Central Universities	2 Years

- The requirement of qualifying in a national examination is waived off for part-time as well as sponsored (full-time) candidates.
- There is a minimum residence requirement of 6 months for the part-time candidates from outside NCR (or at a radial distance of more than 50 km from IIT Delhi).
- The part-time candidates are required to submit a "No Objection Certificate (NOC)" on a proper letterhead from the appropriate authority in the organization. The text of this letter is available in the Information Brochure for admission to PhD programme at IIT Delhi.
- The sponsored (full-time) candidates, seeking admission to Ph.D. programme on the basis of study leave, must submit a "Sponsorship Certificate" on a proper letterhead from the appropriate authority in the organization. The text of this letter is available in the Information Brochure for admission to PhD programme at IIT Delhi.

Shortlisting criteria for foreign nationals applying for PhD programs

Degree	Percentage Marks (Equivalent CGPA on a 10-point scale)
B.E. / B.Tech. / M.Sc (Textile and others)	70 % (7.0)
M.E. / M.Tech.	60 % (6.0)

- In the final year of schooling, the applicant should have taken any three of the following subjects: Mathematics, Physics, Chemistry, Biology.
- Candidate should have obtained not less than 60 % in all previous degrees.
- The students from background other than textiles should have qualifying degree in any of one of the following disciplines: Physics, Chemistry, Chemical Engineering, Biochemical Engineering, Material Science and Engineering, Electrical/Electronic Engineering, Energy Engineering, Computer Science and Engineering, Apparel Engineering, Fashion Technology, Biotechnology, Microbiology, Nanotechnology, Polymer Science, Rubber Technology, Civil Engineering, Mechanical/Production/Industrial Engineering, MBA students with BE/BTech degree.

Common requirements for PhD admission:

1. Recommendation letters from at least 2 experts from academia / industry.
2. Certificate/mark sheet providing marks in English (in the last appeared examination either in school or in college/University).
3. A statement/Self-declaration on your English proficiency.
4. Score cards of Indian national examinations like GATE, CSIR/UGC – NET, DST-INSPIRE etc. or international examinations like GRE, TOEFL, IELTS, TOEIC, OPI, OPIC, Cambridge English Examination etc. if you have appeared in these examinations.
(Optional)

The above documents will be used for subjective assessment of the candidate.