

INDIAN INSTITUTE OF TECHNOLOGY DELHI

Department of Textile and Fibre Engineering

Shortlisting and Selection Criteria for Ph.D. Admission in Semester II, 2020-2021

Shortlisting Criteria for Full-time Candidates

Degree	Percentage Marks (Equivalent CGPA on a 10-point scale)	GATE Score
B.E. / B.Tech. (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. (Others) / M.Sc.*		
GE	70 % (7.0)	≥ 650
EWS	70 % (7.0)	≥ 650
OBC (NCL)	70 % (7.0)	≥ 585
SC/ST/PH	65 % (6.5)	≥ 433
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, 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 (Textile)	
GE	70 % (7.0)
EWS	70 % (7.0)
OBC (NCL)	70 % (7.0)
SC/ST/PH	65 % (6.5)
B.E. / B.Tech (Others) / M.Sc.	
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, 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.

Selection Criteria (Cut-off Marks) for Full-time/Part-time/Sponsored (full-time) Candidates

Category	Minimum Marks in Interview
GE	70 %
EWS	70 %
OBC (NCL)	63 %
SC/ST/PH	46.67 %

Annexure-II

Shortlisting and Selection Criteria for Ph.D. Admission in Semester II, 2020-2021 under PMRF Scheme

DIRECT ENTRY CHANNEL:

The PhD interview committee will consider only the candidates with following credentials for the PMRF and conduct more rigorous interview and make recommendation whether the candidate is suitable for normal Ph.D or Ph.D with PMRF consideration or not eligible for Ph.D program at all.

Educational background	CGPA/%Marks	GATE score
a) completed or be pursuing the final year of four (or five) year undergraduate or five year integrated M.Tech. or 2 year M.Sc. or five year undergraduate/ postgraduate dual degree programs in Science and Technology streams from IISc/ IITs/ NITs/ IISERSs/IIEST and centrally funded IITs.	8.5 /85%	NA
b) completed or be pursuing the final year of four (or five) year undergraduate or five year integrated M.Tech. or five year integrated M.Sc. or 2 year M.Sc. or five year undergraduate- postgraduate dual degree programs in Science and Technology streams from any other Institute/University recognized in India,not covered in 1(a) above.	8.5 /85%	850
c) qualified GATE and be pursuing or have completed M.Tech./MS by research at one of the PMRF Granting Institutions	9.5 /95%	NA

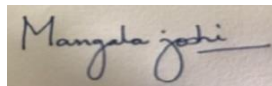
LATERAL ENTRY CHANNEL

- The candidate should have completed at most 12 months in the PhD programme if he/she joined the programme with a Master's degree; and should have completed at most 24 months in the PhD programme if he/she joined the PhD programme with a Bachelor's degree. The relevant period of 12 months or 24 months will be counted from the date of admission in the

PhD programme till the date of application for lateral entry. A candidate can be considered at most twice through lateral entry channel PMRF.

- The candidate should have completed at least four courses in the PhD programme, each of which should be a full-semester course taken on letter credit, and obtained aggregate CGPA of 9.5 (out of 10) or higher for all the courses taken till the application date.
- He/she should have published at least one paper as first author in a journal with impact factor 2.0 or higher. The published work should be only from the Ph.D work and not from the previous master's thesis work.
- One patent (applied) is preferable.
- Recommendation of the PhD supervisor highlighting the strengths and the original contribution in the research of the candidate should be submitted.

A PMRF committee constituted by DRC will evaluate the eligible candidates, based on their proposal, work done and original contribution and forward the selected names to the central committee for further evaluation.



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