DEPARTMENT OF TEXTILE & FIBRE ENGINEERING, IIT DELHI

Shortlisting Criteria for Full-Time / Part Time / Foreign National Ph.D. Candidates: 2nd Semester (2026-27)

1. Ph.D. (Full Time)

Qualifying Degree	Acceptable Disciplines of Qualifying Degree	Aggregate (CGPA or %) in Qualifying Degree						Qualifying National Level Examination	Discipline of Acceptable National Level Examination	Score ('Qualifying only', if score not awarded)					
										Category					
		UR	EWS	OBC	SC	ST	PwD			UR	EWS	OBC	SC	ST	PwD
M.Tech./ M.E.	Textile and for other background, any 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, Textile and Clothing, Fashion Technology, Biotechnology, Microbiology, Nanotechnology, Polymer Science, Rubber Technology, Civil Engineering, Mechanical/Production/Industrial Engineering.	60%(6.0)	60%(6.0)	60%(6.0)	55%(5.5)	55%(5.5)	55%(5.5)	NA	NA	NA	NA	NA	NA	NA	NA
MSc / (MBA with B.E./B.Tech)	Textile	70%(7.0)	70%(7.0)	70%(7.0)	65%(6.5)	65%(6.5)	65%(6.5)	GATE	GATE in Qualifying Discipline	500	500	450	333	333	333
								JEST	NA	NA	NA	NA	NA	NA	NA
								CSIR	JRF (Category 1)	Qualifying	Qualifying	Qualifying	Qualifying	Qualifying	Qualifying
								UGC-NET	JRF (Category 1)	Qualifying	Qualifying	Qualifying	Qualifying	Qualifying	Qualifying
								ICAR	NA	NA	NA	NA	NA	NA	NA
								ICMR	NA	NA	NA	NA	NA	NA	NA
								DST INSPIRE	Fellowship should be awarded	Qualifying	Qualifying	Qualifying	Qualifying	Qualifying	Qualifying
MSc/(MBA with B.E./BTech)	Other background (Physics, Chemistry, Chemical Engineering, Biochemical Engineering, Material Science and Engineering, Energy Engineering, Electrical/Electronics Engineering, Computer Science and Engineering, Biotechnology, Microbiology, Apparel Engineering, Textile and Clothing, Fashion Technology, Nanotechnology, Polymer Science, Rubber Technology, Civil Engineering, Mechanical/Production/Industrial Engineering, MBA with BE/BTech degree.	70%(7.0)	70%(7.0)	70%(7.0)	65%(6.5)	65%(6.5)	65%(6.5)	GATE	GATE in Qualifying Discipline	600	600	540	400	400	400
								JEST	NA	NA	NA	NA	NA	NA	NA
								CSIR	JRF (Category 1)	Qualifying	Qualifying	Qualifying	Qualifying	Qualifying	Qualifying
								UGC-NET	JRF (Category 1)	Qualifying	Qualifying	Qualifying	Qualifying	Qualifying	Qualifying
								ICAR	NA	NA	NA	NA	NA	NA	NA
								ICMR	NA	NA	NA	NA	NA	NA	NA
								DST INSPIRE	Fellowship should be awarded	Qualifying	Qualifying	Qualifying	Qualifying	Qualifying	Qualifying
B.E./ B.Tech.	Textile	70%(7.0)	70%(7.0)	70%(7.0)	65%(6.5)	65%(6.5)	65%(6.5)	GATE	GATE in Qualifying Discipline	500	500	450	333	333	333
								JEST	NA	NA	NA	NA	NA	NA	NA
								CSIR	JRF (Category 1)	Qualifying	Qualifying	Qualifying	Qualifying	Qualifying	Qualifying
								UGC-NET	JRF (Category 1)	Qualifying	Qualifying	Qualifying	Qualifying	Qualifying	Qualifying
								ICAR	NA	NA	NA	NA	NA	NA	NA
								ICMR	NA	NA	NA	NA	NA	NA	NA
								DST INSPIRE	Fellowship should be awarded	Qualifying	Qualifying	Qualifying	Qualifying	Qualifying	Qualifying

B.E./ B.Tech.	Other background (Physics, Chemistry, Chemical Engineering, Biochemical Engineering, Material Science and Engineering, Energy Engineering, Electrical/Electronics Engineering, Computer Science and Engineering, Apparel Engineering, Textile and Clothing, Fashion Technology, Biotechnology, Microbiology, Nanotechnology, Polymer Science, Rubber Technology, Civil Engineering, Mechanical/Production/Industrial Engineering.	70%(7.0)	70%(7.0)	70%(7.0)	65%(6.5)	65%(6.5)	65%(6.5)	GATE	GATE in Qualifying Discipline	600	600	540	400	400	400
								JEST	NA	NA	NA	NA	NA	NA	NA
								CSIR	JRF (Category 1)	Qualifying	Qualifying	Qualifying	Qualifying	Qualifying	Qualifying
								UGC-NET	JRF (Category 1)	Qualifying	Qualifying	Qualifying	Qualifying	Qualifying	Qualifying
								ICAR	NA	NA	NA	NA	NA	NA	NA
								ICMR	NA	NA	NA	NA	NA	NA	NA
								DST INSPIRE	Fellowship should be awarded	Qualifying	Qualifying	Qualifying	Qualifying	Qualifying	Qualifying
CFTI B.Tech./B.E./ four-year B.S. (in person)/Integrat ed M.Tech/ Integrated M.Sc. Programmes	Textile and for other background any 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, Textile and Clothing, Fashion Technology, Biotechnology, Microbiology, Nanotechnology, Polymer Science, Rubber Technology, Civil Engineering, Mechanical/Production/Industrial Engineering.	80%(8.0)	80%(8.0)	80%(8.0)	80%(8.0)	80%(8.0)	80%(8.0)	NA	NA	NA	NA	NA	NA	NA	NA

Remarks: (1). 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 12th standard (HSC). (2). Currently registered students in Centrally Funded Technical Institutes (CFTIs) pursuing BTech / BE / Integrated MTech / Integrated MSc programmes, who are in final semester/year 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. (3). 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. (4). 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. (5). In addition to requirement of qualifying degree marks/CGPA mentioned in above Table, the candidate should have obtained not less than 60% in all previous degrees and diplomas.

2. Ph.D. (Part Time)

Qualifying Degree	Acceptable Disciplines of Qualifying Degree	Aggregate (CGPA or %) in Qualifying Degree						Requirement of Work Experience (Post Qualification)
		UR	EWS	OBC	SC	ST	PwD	
M.Tech./ M.E.	Textile and for other background, in any 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, Textile and Clothing, Fashion Technology, Biotechnology, Microbiology, Nanotechnology, Polymer Science, Rubber Technology, Civil Engineering, Mechanical/Production/Industrial Engineering,)	60 % (6.0)	60 % (6.0)	60 % (6.0)	55 % (5.5)	55 % (5.5)	55 % (5.5)	Nil
B.E./ B.Tech. / four-year B.S. (in person) / M.Sc./ (MBA with B.E./BTech) from CFTIs/Central Universities	Textile and for other background, in any of the following discipilnes: Physics, Chemistry, Chemical Engineering, Biochemical Engineering, Material Science and Engineering, Energy Engineering, Electrical/Electronics Engineering, Computer Science and Engineering, Apparel Engineering, Textile and Clothing, Fashion Technology, Biotechnology, Microbiology, Nanotechnology, Polymer Science, Rubber Technology, Civil Engineering, Mechanical/Production/Industrial Engineering, MBA with BE/BTech degree.	70 % (7.0)	70 % (7.0)	70 %(7.0)	65 % (6.5)	65 % (6.5)	65 % (6.5)	1 year
B.E./ B.Tech./ four-year B.S. (in person) / M.Sc./ (MBA with B.E./BTech), and working in IIT Delhi (Project or Regular)**	Textile and for other background, in any 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, Textile and Clothing, Fashion Technology, Biotechnology, Microbiology, Nanotechnology, Polymer Science, Rubber Technology, Civil Engineering, Mechanical/Production/Industrial Engineering, MBA students with BE/BTech degree.	70 % (7.0)	70 % (7.0)	70 % (7.0)	65 % (6.5)	65 % (6.5)	65 % (6.5)	1 year
B.E./ B.Tech./ four-year B.S. (in person) / M.Sc./ (MBA with B.E./BTech) from institutions other than CFTIs / Central Universities	Textile and for other background, in any 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, Textile and Clothing, Fashion Technology, Biotechnology, Microbiology, Nanotechnology, Polymer Science, Rubber Technology, Civil Engineering, Mechanical/Production/Industrial Engineering, MBA with BE/BTech degree.	70 % (7.0)	70 % (7.0)	70 % (7.0)	65 % (6.5)	65 % (6.5)	65 % (6.5)	2 years

**** The application should come through proper channel**

Remarks: (1). 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 12th standard (HSC). (2). In addition to requirement of qualifying degree marks/CGPA mentioned in above Table, the candidate should have obtained not less than 60% in all previous degrees and diplomas. (3). The applicant must be an employee of Public Sector Undertaking or Government Department or Research and Development Organization or Private Industry. (4). The requirement of qualifying in a national examination is waived off for part-time as well as sponsored (full-time) candidates. (5). 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). (6). 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. (7). 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.

3. Ph.D. Foreign Nationals

Qualifying Degree	Acceptable Disciplines of Qualifying Degree	Aggregate (CGPA or %) in Qualifying Degree
B.E. / B.Tech. or equivalent	Textile and for other background, in any 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, Textile and Clothing, Fashion Technology, Biotechnology, Microbiology, Nanotechnology, Polymer Science, Rubber Technology, Civil Engineering, Mechanical/Production/Industrial Engineering.	**70 % (7.0)**
M.E / M. Tech or equivalent	Textile and for other background, in any 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, Textile and Clothing, Fashion Technology, Biotechnology, Microbiology, Nanotechnology, Polymer Science, Rubber Technology, Civil Engineering, Mechanical/Production/Industrial Engineering.	**60 % (6.0)**

Remarks: (1). In the final year of schooling, the applicant should have taken any three of the following subjects: Mathematics, Physics, Chemistry, Biology. (2). Candidate should have obtained not less than 60 % in all previous degrees and certificates (including class 12). Additional 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)