

Department of Materials Science and Engineering

Date:- 25/04/2025

Subject: - Shortlisting criteria for the MTech in Materials Science and Engineering for the academic year 2025- 2026.

A. Qualifying disciplines and short-listing criteria for specialization in “Metals and Ceramics” are as follows:

- I. For candidates with background in Metallurgy/Materials Engineering/Materials Science and Engineering**
 - **General Category/OBC students/EWS:** GATE score of 300 or higher and 60% aggregate or 6.00 CGPA on a 10 point scale at B.Tech/ B.E. level/M.Sc
 - **SC/ST/PwD students:** GATE score of 220 or higher and 55% aggregate or 5.5 CGPA on a 10 point scale at B.Tech/ B.E. level/M.Sc .

- II. For candidates with background in in Mechanical Engineering (Industrial and Production/ Design/ Manufacturing/ Automation/Aerospace and Automobile Engineering)**
 - **General Category/OBC students/EWS:** GATE score of 350 or higher and 60% aggregate or 6.00 CGPA on a 10 point scale at B.Tech/ B.E. level.
 - **SC/ST/PwD students:** GATE score of 240 or higher and 55% aggregate or 5.5 CGPA on a 10 point scale at B.Tech/ B.E. level.

- III. For candidates with background in Ceramics Engineering**
 - **General Category/OBC students/EWS:** GATE score of 350 or higher and 60% aggregate or 6.00 CGPA on a 10 point scale at B.Tech/ B.E. level.
 - **SC/ST/PwD students:** GATE score of 240 or higher and 55% aggregate or 5.5 CGPA on a 10 point scale at B.Tech/ B.E. level.

- IV. For candidates with background in Engineering Physics/Physics**
 - **General Category/OBC students/EWS:** GATE score of 350 or higher and 60% aggregate or 6.00 CGPA on a 10 point scale at B.Tech/ B.E. level/M.Sc
 - **SC/ST/PwD students:** GATE score of 240 or higher and 55% aggregate or 5.5 CGPA on a 10 point scale at B.Tech/ B.E. level/M.Sc.

B. Qualifying disciplines and short-listing criteria for specialization in “Polymer Science and Technology” are as follows:

- I. For candidates with background in Chemistry, Polymer and Rubber Technology, and Plastic Technology**
 - **General Category/OBC students/EWS:** GATE score of 350 or higher and 60% aggregate or 6.00 CGPA on a 10-point scale at BTech/MSc level.
 - **SC/ST/PWD students:** GATE score of 240 or higher and 55% aggregate or 5.5 CGPA on a 10-point scale at BTech/MSc level.

- II. For candidates with background in Textile and Fiber Science and engineering**
 - **General Category/OBC students/EWS:** GATE score of 400 or higher and 60% aggregate or 6.00 CGPA on a 10-point scale at BTech/MSc level.
 - **SC/ST/PWD students:** GATE score of 320 or higher and 55% aggregate or 5.5 CGPA on a 10-point scale at BTech/MSc level.

III. For candidates with Chemical Engineering

- **General Category/OBC students/EWS:** GATE score of 450 or higher and 60% aggregate or 6.00 CGPA on a 10-point scale at BTech/B.E. level.
- **SC/ST/PWD students:** GATE score of 340 or higher and 55% aggregate or 5.5 CGPA on a 10-point scale at BTech/B.E. level.

C. **For Part-time and Sponsored (full-time) candidates in Disciplines of Qualifying Degree :**
Admission of part-time candidates will be as per institute rules. **However, the final admission will be through online interviews.**

D. **Requirement of qualification in GATE/National Exam is waived in Qualifying disciplines for the following:**
General Category/OBC students/EWS & SC/ST/PWD students:
B.E./B.Tech graduates from IITs with CGPA 8.00 or above. **However, the final admission will be through online interviews.**

E. **The interview for Part-time/Sponsored (full-time)/IIT graduate candidates is on 7th May 2025 from 9:30 AM onwards through Online Video Conferencing (MSTeams). The login credentials to appear for the online interview will be updated soon to the candidates.**

Prof. Jayant Jain
(Head, DMSE)