

M. Tech. in Industrial Metallurgy

a fully online program
for the working professionals

Admission
2023-24

About the Program

- ❑ This program is offered by the Department of Materials Science and Metallurgical Engineering at IIT Hyderabad.
- ❑ This online M.Tech program is specially designed for working professionals to help them to master the essentials of industrial metallurgy.
- ❑ It caters to the needs of working professionals in metallurgical, materials, and manufacturing industries who wish to upskill themselves.
- ❑ The program covers both fundamental scientific principles and applied engineering aspects. It offers great flexibility in terms of courses. It includes a wide range of elective courses spanning across fundamental metallurgical principles, materials processing, materials testing and characterization, new-generation high-performance alloys, and computational materials engineering.
- ❑ There is no residential requirement at IIT Hyderabad. All the courses will be taught in online mode (4 PM to 7 PM on working days and 9 AM to 7 PM over the weekends). Students can learn at their own pace and complete the program in 4 years from the date of admission.
- ❑ This online M.Tech program is equivalent, in all respects, to the regular M.Tech degrees offered by IIT Hyderabad.

Courses & Thesis Requirements

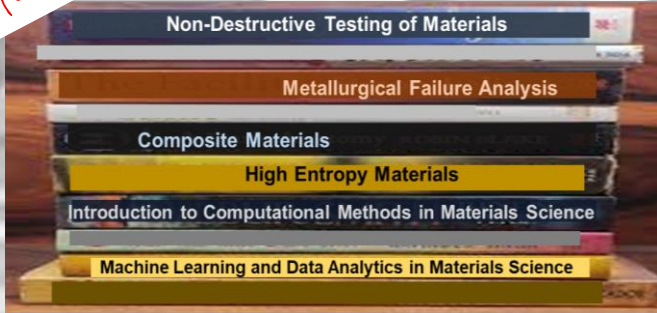
- ❑ **Credit requirement:** Candidates shall earn a total of 48 credits within 4 years from the date of admission. Candidates shall complete the courses (24 credits) within the first 3 years.
- ❑ **Thesis work:** Candidates shall complete the courses (24 credits) to start the thesis work. Thesis consists of two stages: Thesis Stage-I: 12 Credits and Thesis Stage-II: 12 Credits.
- ❑ Candidates are required to carry out their dissertation work using the available facilities/ infrastructure in their parent organizations.
- ❑ **Exit option:** After successful completion of the course work in full (24 credits), candidates may opt to leave the program and obtain an Executive M.Tech. Degree.
- ❑ A full semester course is of 3 credits. Courses with 1 & 2 credits running at 1/3rd and 2/3rd of semester, are also there.

Eligibility and Admission

- ❖ Working professionals in public- and private-sector industries, R&D labs, and academic institutions with more than two years of work experience and a first-class bachelor's degree (BTech, BE or equivalent) in metallurgical engineering, metallurgical and materials engineering, materials science and engineering, mechanical engineering, manufacturing engineering, production engineering, industrial engineering, chemical engineering, and allied disciplines are eligible to apply.
- ❖ Admission will be based on satisfactory performance in written test/interview.
- ❖ GATE score is not required.
- ❖ Applicants are required to submit experience and no-objection certificates at the time of written test/interview.



glimpse of some of
the courses offered



Fee Structure

Category	Fee details#
Non-government organizations	Rs. 25,000/- per course credit
	Rs. 12,500/- per thesis credit
	Semester fee: Rs.15,000/- per semester*
Government organizations	Rs. 12,500/- per course or thesis credit
IITH alumni	Semester fee: Rs.15,000/- per semester*

Fee shall be paid by the candidate and there is no financial obligation to the employer.

* Semester fee must be paid throughout the program duration to keep the registration alive.

How to Apply

- ☐ Applications shall be submitted online.
- ☐ Please visit IITH website <https://iith.ac.in/> for complete information and applying

Contact

Department of Materials Science and Metallurgical Engineering
IIT Hyderabad, Kandi, Sangareddy, Telangana 502285 India
Email: office.im@msme.iith.ac.in, pc.im@msme.iith.ac.in