

Dept. of Mechanical and Aerospace Engineering
Indian Institute of Technology Hyderabad

Online M.Tech. in Computational Mechanics

For Working Industry Professionals



Duration (up to) : 4 years for M. Tech. (CM) & 3 years for Executive M. Tech. (CM)

Highlights

- **Industry-oriented learning.** Courses tailored for industry-working professionals.
- **Immense learning.** Hands-on learning with several state-of-the-art theory and lab courses to benefit their professional career.
- **Breadth.** Cover a broad range of topics on computational methods ranging from FEM, CFD, Optimization, Additive Manufacturing.
- **Immersive learning.** Live interactive sessions coupled with self-paced learning.
- **No GATE score required.**
- **Earn master's degree without leaving your job.**
- **Networking.** Opportunity to create a meaningful network with diverse professionals.

Eligibility

- B. E./B. Tech. with first class (60%) in Mech., Aero., Civil or Chem. Engg./ Equivalent degrees
- Should be working in industry with a minimum of 2 years of industry experience after B. Tech.
- NOC from current organization is mandatory. Can be submitted at time of admission in July.

Selection based on applicant background and performance in a written test and/or interview.

More Details

Please visit

<https://mae.iith.ac.in/MTechCompMech.html>

for more details on curriculum, courses, fees.

Academics @ IIT Hyderabad:

<https://www.iith.ac.in/academics/post-graduate/>

Application Link:

<https://iith.ac.in/mtechadmissions/>

Duration and Structure

Option 1: M. Tech. (CM) with thesis - up to 4 years.

- Total 48 Credits (Course Credits: 24 + Thesis Credits: 24)
- Courses can be done over up to three years.
- Thesis will be done in the final year (maximum 4th year) after course work.

Option 2: Executive M. Tech. (CM) without thesis - up to 3 years.

- Total 24 Course Credits.
- Courses can be done over up to three years.

Format

- Online live & self-paced sessions.
- Classes in the evening & at weekends based on faculty availability.
- Examinations will be conducted online.
- Flexibility to do thesis project in own industry.
- Opportunity to meet experts and experience IITH campus during campus visits.

Fee

Please visit (under online programs)

<https://iith.ac.in/academics/fee-structure/>

Admission Process

Online test/interviews for selection into program.
Syllabus: Maths and UG Mechanical Curriculum

Applications open from 18 March 2025

Last date to apply 07 April 2025 (Check portal)

Selection process May-June 2025

Contact us

Course coordinator:

Head, Mechanical and Aerospace Engineering, IIT Hyderabad:

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