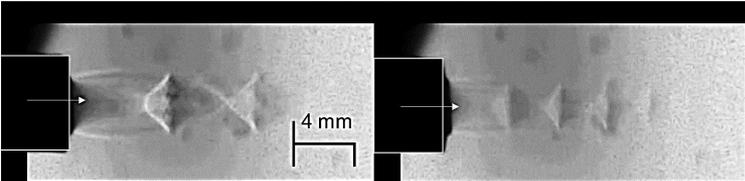
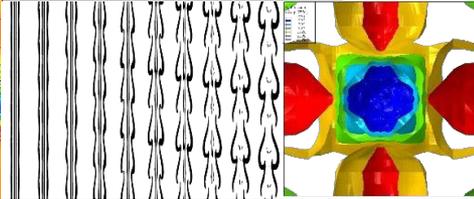
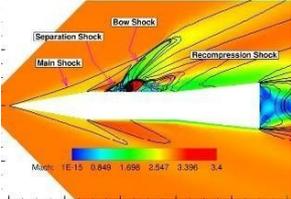


M. Tech Admissions

Department of Mechanical & Aerospace Engineering

Indian Institute of Technology Hyderabad



భారతీయ సాంకేతిక విజ్ఞాన సంస్థ హైదరాబాద్
भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

The Department of Mechanical and Aerospace Engineering

The Department was started as Mechanical Engineering along with the inception of Indian Institute of Technology Hyderabad in 2008. It was renamed as Mechanical and Aerospace Engineering in 2011 to offer academic programs in Mechanical Engineering as well as Aerospace Engineering. Since its inception, the department has attracted a diverse group of talented individuals, including students, faculty, and staff, who receive comprehensive training in the field and bring valuable industry and research experience in both private and government sector. The department strives to impart comprehensive training in all aspect of mechanical and aerospace engineering at both undergraduate and postgraduate level with a curriculum focused on both fundamental as well as applied aspects considering industry requirements and feedback. To advance relevant core or interdisciplinary fields, we continuously engage with industry and Indian and foreign academic Institutes for collaborative research work with a vision to establish centers of excellence in the areas of automotive, additive manufacturing, energy and aerospace engineering. Further information is available in the [department brochure](#).

B.Tech.:

- Mechanical engineering
- Minor in Aerospace engineering
- Honors • Dual degree (M.Tech+B.Tech)

M.Tech. / Ph.D.:

- Mechanics and Design
- Integrated design and manufacturing
- Thermofluids engineering
- Aerospace engineering
- Robotics and Intelligent System Engineering
- Computational mechanics (only M.Tech online)

38 Full-time faculty, 16 Regular staff

Student Body:

238 Undergraduates 181 Postgraduates
108 Research scholars



Eligibility criteria

Sl. No.	Programme & Category	Eligibility Criteria
1	MTech-TA	<ul style="list-style-type: none">• BE/BTech with First Class.• BTech students from IITs and 4-year BS students of IISc with CGPA of 8.0 or above can apply without GATE.• Selection based on GATE score.
2	MTech-RA	<ul style="list-style-type: none">• BE/BTech with First Class + GATE Qualification.• BE/BTech with First Class + 6-month research experience at IITH.• BE/BTech with First Class + 2-year experience in industry/R&D lab.• Selection based on entrance exam and/or interview.
3	MTech/Govt.Lab/ Industry Sponsored	<ul style="list-style-type: none">• BE/BTech with First Class + Recommendation from Integrated Defence HQ/DRDO.• BE/BTech with First Class + NOC and study leave from industry or Govt. Organization.• Selection based on entrance exam and/or interview.
4	MTech-Self Sponsored	<ul style="list-style-type: none">• BE/BTech with First Class.• Selection based on entrance exam and/or interview.

Note:

- TA- Teaching assistantship. RA- Research assistantship
- First Class is defined as 60% marks or 6 CGPA. In case of many applications, cut off may be increased.
- Except the cases of Sl. No. 1 and 4 (where the admission is based on GATE/JAM) relaxation is provided on CGPA/marks for SC/ST/OBC candidates (10% for OBC candidates and 15% for SC/ST candidates).

The Modes of Admission

MoE Mode/Teaching assistantship (TA) :

Candidates who have qualified GATE must register on the Common Offer Acceptance Portal (COAP). Once all the COAP admission rounds are over, the leftover seats are filled based on GATE score and performance on written test and/or interview. The candidate can join a 2-Year M. Tech program through this mode. Once admitted, candidates are paid a Teaching assistantship (TA) according to MoE norms.

IIT B.Tech Mode :

Candidates who have a B. Tech degree from any IIT with a CGPA of 8 and above can apply in this mode. Once admitted, candidates are paid a stipend according to MoE norms. Selection is based on a written test and/or interview. It is a 2-year M.Tech program.

Project Mode/Research assistantship:

GATE-qualified candidates or candidates with at least 6 months experience in the MAE department of IITH or 2-year experience in industry/R&D lab for can join the 3 Year M. Tech program. Admission is given to shortlisted candidates based on their performance in the written test and the interview. These students will work on projects funded by external agencies and the funding is subjected to the availability of the project during the selection process. A stipend is given to these candidates subjected to the norms of the funding agency. List of Available Projects will be posted in <https://mae.iith.ac.in/grad-admissions.html>

Self Sponsored Mode:

We have started a self-sponsored 2-year M. Tech program and lot of students have been admitted under this category. Admission is given to shortlisted candidates based on their performance on the written test and an interview. This is a non-subsidized program and no financial support is provided to the students. The fee for this program is approximately 11 Lakh rupees for two years. More details about the program can be found on the IITH website. Candidates can apply for any one of the stream.

Note that GATE score is not required for self-sponsored, IIT and project mode candidates. Further Information is available at <https://mae.iith.ac.in/grad-admissions.html>

Eligibility Matrix

There are Five Departmental Streams in which a student can apply for M. Tech. These are:-

- a. Mechanics and Design (MAD)
- b. The integrated Design and Manufacturing (IDM)
- c. The Thermo-Fluid Engineering (TFE)
- d. Aerospace Engineering (AE)
- e. Robotic Intelligent Systems (RIS)

Stream	Eligible B.Tech/B.E. Disciplines/Gate Papers
Aero	Mechanical Engineering (ME), Aerospace Engineering (AE), Chemical Engineering, Civil Engineering, Automobile Engineering, Electrical Engineering
TFE	Mechanical Engineering (ME), Aerospace Engineering (AE), Chemical Engineering, Civil Engineering, Automobile Engineering, Naval Architecture and Marine Engineering
MAD	Mechanical Engineering (ME), Aerospace Engineering (AE), Civil Engineering, Automobile Engineering, Naval Architecture and Marine Engineering
IDM	Mechanical Engineering (ME), Production Engineering, Industrial/Operations Engineering, Automobile Engineering
RIS	Mechanical Engineering (ME), Aerospace Engineering (AE), Robotics, Mechatronics

In addition to the programme-specific GATE papers listed above, candidates with a valid GATE score in Engineering Sciences XE (Sections A, B, C, D, E) are also eligible for M.Tech admission except RIS.

Further Information is available at
<https://mae.iith.ac.in/grad-admissions.html>

Contact Details:

MTech Admissions

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