

INFORMATION BROCHURE-2026



Indian Institute of Technology Hyderabad

Established in the year 2008 by the government of India, Indian Institute of Technology Hyderabad (IITH) is the top ranking IIT among the second generation IITs.

With several programs at doctoral, masters and bachelors level in all branches of engineering, science, liberal arts and design, IITH offers a vibrant academic and research culture, in its 600 acre campus. Collaboration with academic and research institutions across the globe provides IITHians an excellent opportunity for academic and research growth.



Department of Biotechnology

The Department of Biotechnology was established at IITH in the year 2010 to train students at bachelors, masters and doctoral level into outstanding biotechnologists.

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

Faculty with academic and research training at top institutes in the world offer following programs at the department :

- B.Tech (Biotechnology and Bioinformatics)
- M.Tech (Medical Biotechnology)
- Ph.D (Biotechnology)



M.Tech (Medical Biotechnology)

Attracting bright B.Tech, B.E., B.Pharm and M.Sc graduates, the M.Tech in Medical Biotechnology program has become one of the most sort after masters programs at IITH.

A thesis-based M.Tech degree enables our students to pursue their passion for an exciting career at major biotech industries in India and doctoral programs at renowned national and international institutions.

<https://biotech.iith.ac.in/people/alumni>

Picture note: chromosome-shaped department building.

COURSE STRUCTURE

M. Tech (Medical Biotechnology) program is designed for two years (four semesters):

- First year of course work (<https://biotech.iith.ac.in/academics/programs>), with an emphasis on industry-oriented courses.
- Second year of thesis work in any area of research carried out at the department (<https://biotech.iith.ac.in/research/researcharea>).
- The students have an opportunity to choose the area of research for thesis work based on their interest with support from faculty (<https://biotech.iith.ac.in/people/faculty>).
- The department of biotechnology has infrastructure that fosters innovative research (<https://biotech.iith.ac.in/facilities>).
- The department has laboratories engaged in wet experimentation using bacterial, yeast, zebra fish, drosophila, mammalian and viral systems, as well as, computational work involving genomics, proteomics, systems biology and AI/ML.

Semester I (course work)	12 + 1 Credits	Core and Elective courses + Industrial Lectures
Semester II (course work)	12 + 1 Credits	Core and Elective courses + English communication
Semester III (thesis work)	12 Credits	Research Project-I
Semester IV (thesis work)	12 Credits	Research Project-II

TWO MODES OF ADMISSION TO M.TECH (MEDICAL BIOTECHNOLOGY)

I Regular two-year M.Tech Program (with stipend) *

(i) Candidates with B.Tech, B.E., B.Pharm or M.Sc in any branch of life sciences **with a valid GATE score (mandatory)** in BT or XL are eligible to apply. These candidates will be selected based on GATE score. Offers are made through Common Offer Acceptance Portal (COAP).

(ii) B.Tech graduates from IITs with a **CGPA of 8.0** and above, without a GATE score are also eligible to apply. These candidates will be selected based on their performance in a written test and/or interview.

* Candidates registered in this mode (I) will receive a monthly stipend as per Ministry of Education (MoE) rules.

II Self-sponsored two-year M.Tech program (without stipend) #

- Candidates with a B.Tech., B.E., B.Pharm or M.Sc in any branch of life sciences with a **CGPA of 6.5** or above, with or without a valid GATE score, are eligible to apply. The department may suitably apply higher shortlisting criteria, if needed.
- Candidates will be selected based on the performance in a written test and/or interview.

Candidates registered in this mode (II) pay a per-credit tuition fee and are NOT eligible for any financial assistance / scholarship. This is a non-subsidized program.



M.Tech Orientation (knowing us)

Teacher's Day (they are fun too)



M.Tech Fresher's Day (in same boat)

Bio-Blast (we are the champions)



Biotech Industry Meet (exploring)

Busy bee (as usual)



Visit the following link for 'Admissions portal'
<https://iith.ac.in/academics/post-graduate/>

Visit the following link for details of fee structure
<https://www.iith.ac.in/academics/fee-structure/>

Contact us:

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