Polymers and Bio Systems Engineering
M. Tech. Program (Self-Sponsored)

भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD

Admission Procedure

- Students admitted into the program will have a credit based fee system.
- Students will be admitted without scholarship.
- Admissions will be based on interview held at IIT Hyderabad.
- Admission into the program will be

Eligibility

- B.Tech/B.E/B.Sc in one of the following disciplines:
- Chemical Engineering, Mechanical Engineering, Materials Science and Metallurgical Engineering, Polymer Science and Engineering, Biomedical Engineering and Biotechnology (B. Tech), Engineering Physics, Physics.
- Candidates should have a first class in their respective B.Tech/B.E/B.Sc disciplines.

Program Structure

The program spans four semesters:

Semester 1

Core Courses – 4	8 Credits
Electives – 2	4 Credits

Semester 2

Core Courses – 3	6 Credits
Mandatory Courses – 2	2 Credits
Electives – 3	6 Credits

Semester 3 & 4

Thesis	24 Credits
Total	**50 Credits**

The students is free to choose from a basket of elective courses

Who can apply

If you are a bright motivated student and meet the eligibility criteria, visit us at **www.pratham.iith.ac.in**

If you wish to know more about the fascinating area of polymers and bio systems engineering, please write to us at **fic.mtech.pbs@iith.ac.in**

ABOUT THE PROGRAM

This is a truly interdisciplinary program combining several facets of modern soft materials and biological systems engineering. The program strives to expose the students to cutting-edge problems in industry and simultaneously provide them a strong fundamental understanding of the engineering principles involved. Lectures by industrial experts is an integral part of the program. The program features hands-on training on research projects that have potential applications in health care and allied sectors.

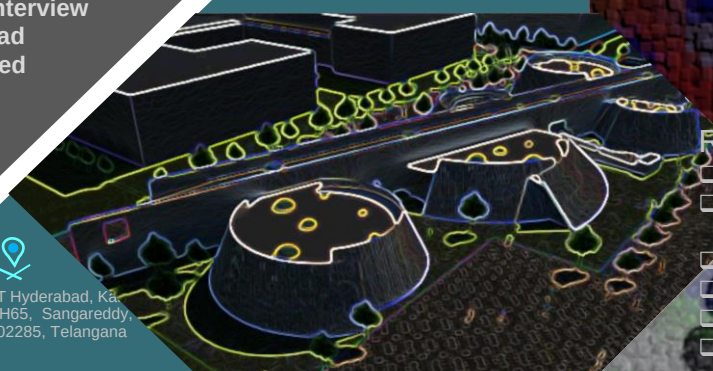
Students are encouraged to apply online at www.iith.ac.in Dates for an interview at IIT Hyderabad will be intimated later to the shortlisted candidates

Career Prospects

Students graduating from this program are eligible for wide range of jobs in AI, pharmaceutical and health sector. Students can also pursue PhD programs in reputed international institutions.

Placement Highlights

- DAFTCRAFT, AI Engineer,. JAPAN.
- PhD position, Washington University, St Louis, (USNews Rank-14).



Research Facilities

- AFM, Confocal and TEM
- Gel Permeation Chromatograph
- Small Angle X-Ray Scattering
- Particle Analyzer
- IR and UV Spectrometers
- Cell Culture Facilities

IIT Hyderabad, Kandi
NH65, Sangareddy,
502285, Telangana

www.iith.ac.in