

Polymers and Bio Systems Engineering

M. Tech. Program



भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

INDIAN
INSTITUTE OF
TECHNOLOGY
HYDERABAD



ADMISSION PROCEDURE

- All students admitted into the program will receive financial support through an MHRD Fellowship.
- Admission criteria is based on the GATE score of the candidate normalised by the total number of qualified candidates in each stream.
- Admission into the program is handled by the COAP portal.

ELIGIBILITY

- B.Tech/B.E in one of the following disciplines:
- Chemical Engineering, Mechanical Engineering, Materials Science and Metallurgical Engineering, Polymer Science and Engineering, Biomedical Engineering and Biotechnology
- GATE qualification in one of the following :CH/ME/XE-C/XE-F/BM/BT

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

PROGRAM STRUCTURE

The program spans four semesters:

Semester 1

Core Courses – 5	10 Credits
Electives – 2	4 Credits

Semester 2

Core Courses – 3	6 Credits
Electives – 3	6 Credits

Semester 3

Thesis	12 Credits
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Semester 4

Thesis	12 Credits
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Total

50 Credits

The student is free to choose from the basket of elective courses

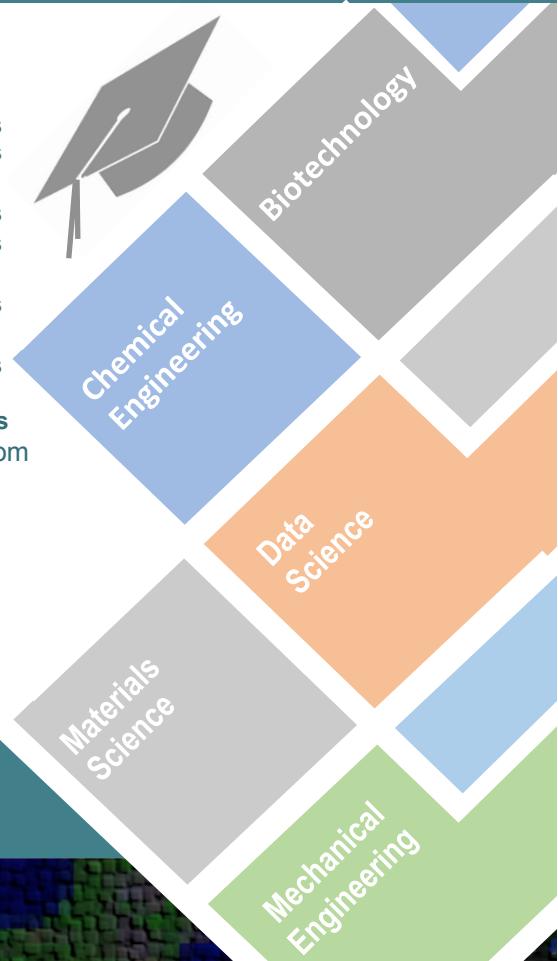
Who can apply

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

saptarshi@che.iith.ac.in



CAREER PROSPECTS

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

RESEARCH FACILITIES

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