



# *Indian Institute of Technology Bombay (IIT Bombay), India*

Established in 1958, the second of its kind, IIT Bombay was the first to be set up with foreign assistance by the then Soviet Union. In 1961 Parliament decreed the IIT's as 'Institutes of National Importance'. In 2018, the Govt. of India recognized IIT Bombay as an 'Institute of Eminence'. The institute has more than 12,000 registered students in its various departments and research centres.

The institute is recognized worldwide as a leader in the field of engineering education and research. Reputed for the outstanding caliber of students graduating from its undergraduate and postgraduate programmes, the institute attracts the best students from the country for its Bachelor's, Master's and Doctoral programmes. Research and academic programmes at IIT Bombay are driven by outstanding faculty, many of whom are reputed for their research contributions internationally.



IIT Bombay – Main Administrative Building

Located in Powai, one of the northern suburbs of Mumbai, the residents of the institute reap the advantage of being in the busy financial capital of India, while at the same time enjoying the serenity of a campus known for its natural beauty. A fully residential institute, all its students are accommodated in its 18 hostels with in-house dining; the campus also provides excellent amenities for sports and other recreational and medical facilities.

## **Why study at IIT Bombay, India?**

- World-class faculty
- Laboratories equipped with state-of-the-art equipments
- Generous scholarship for up to 5 years
- Competitive and passionate peers (> 3000 PhD students)
- Strong alumni network
- Green campus with modern sports facilities and vibrant cultural events



Orientation Program – International Students

## **M.TECH. PROGRAMME**

The Institute offers Master of Technology programmes in various disciplines. The aim of the programme is to train the students in deeper theoretical knowledge which will enable them to tackle practical complex problems of design and development in industrial fields, as well as pursue further academic achievements through research. For fulfilling this aim, the programme structure provides sufficient flexibility in coursework and thesis project.

### ***Eligibility for the M.Tech. Programme***

Bachelor's degree (4-years)/ M.Sc. / M.C.A. / MBBS / M.Pharm

### ***Departments offering M.Tech. Programme***

Aerospace Engineering, Biosciences and Bioengineering, Chemical Engineering, Civil Engineering, Computer Science and Engineering, Earth Sciences, Energy Science & Engineering, Electrical Engineering, Environmental Science and Engineering Department, Mechanical Engineering, and Metallurgical Engineering and Materials Science, Centre for Technology Alternatives for Rural Areas (CTARA) and Interdisciplinary groups - Industrial Engineering and Operations Research, Systems and Control Engineering and Education Technology

Admission will be offered once a year. Applications received before 15 January (every year) will be considered for the July semester of the calendar year.

For application process go to Dean (International Relations page). Link: <https://www.ir.iitb.ac.in/en/students/how-to-apply-0>

***IIT Bombay also offers M.Phil., M.Mgt. and M.Des. programmes.***

## **Ph.D. PROGRAMME**

The broad objectives of the Ph.D. programme are to contribute to expanding the frontiers of knowledge and to provide research training relevant to the global social and economic needs of the present day. The academic programme leading to the Ph.D. degree is broad based and involves a course credit requirement and a research project leading to thesis submission. The Institute also encourages research in interdisciplinary areas through a system of joint supervision across different departments. The presence of a strong research oriented faculty provides excellent opportunities for such a programme. The Institute undertakes sponsored research and development projects from governmental and industrial organizations in public as well as private sectors.

### ***Eligibility for the Ph.D. Programme***

Master's or equivalent degree in Engineering/Technology

### ***Departments offering Ph.D. Programme***

In addition to the departments given above, the following departments and centers also offer Ph.D. : Chemistry, Climate Studies, Centre of Studies in Resources Engineering (CSRE), Humanities and Social Sciences, IDC School of Design, SJM School of Management, Centre for Research in Nanotechnology & Science (CRNTS), Physics, Centre for Policy Studies, Centre for Technology Alternatives for Rural Areas (CTARA), Centre for Urban Science & Engineering (C-USE)

Admission will be offered twice in a year. Applications received before 15 January (every year) and 15 July (every year) will be considered for the Autumn and Spring semester respectively.

For application process, go to Dean (International Relations page). Link: <https://www.ir.iitb.ac.in/en/students/how-to-apply-0>

### ***Application Fee (applicable for students applying under FRN-TA category)***

A non-refundable application fee of US \$20 (to be paid by Banker's Cheque drawn in favor of the Registrar, IIT Bombay) should be attached with the application material. The concerned academic entity may hold a Skype interaction/interview with the prospective candidate.

## **SCHOLARSHIP PROGRAMS FOR THE INTERNATIONAL STUDENTS**

### ***Foreign Government Sponsorships :***

The application should be submitted to the Academic Office at IIT Bombay, either by the candidate or the sponsoring authority. In case the candidate is found suitable for admission, an offer letter will be sent to the candidate or the sponsoring authority as the case may be.



IIT Bombay Hostel

### ***ICCR Scholarship (Government of India):***

Candidates desirous of admission under this Fellowship Programme are required to apply through the Indian High Commission/Embassy as the case may be, in their respective Countries. The Commission/Embassy will send the application to Indian Council for Cultural Relations (ICCR), Government of India and then ICCR will forward the application/s to the Academic Office at IIT Bombay for consideration. In case the candidate is found suitable for admission, an offer letter will be sent to him/her through ICCR, New Delhi.

For detailed information, please visit the website of ICCR: <http://a2ascholarships.iccr.gov.in/home/getAllSchemeList>

### ***Study in India Scholarship (Government of India):***

The Study in India (SII) program has designed a framework to award scholarships and tuition fee waivers for meritorious students applying for Master's or Ph.D. programs at IIT Bombay.

For more details, visit SII site, link: <https://www.studyinindia.gov.in/scholarships/FeeWaiversandConcessions/Scholarship>

### ***German Academic Exchange Service (DAAD) In-Region Scholarship Programme:***

Scholarships are granted by the DAAD to the Graduates and postgraduates from Bhutan, Bangladesh, Nepal and Sri Lanka to pursue Master's or PhD courses at IIT Bombay.

For more details, please visit the site of DAAD, Direct link:

<https://www2.daad.de/deutschland/stipendium/datenbank/en/21148-scholarship-database/?status=&origin=&subjectGrps=&daad=&intention=&q=in-region&page=2&detail=57540129>

### ***Doctoral-fellowship in India for ASEAN (Government of India):***

There is a special scheme for scholars from ASEAN countries to apply for PhD fellowships in IITs. The scheme aims to strengthen the deep and historical relations between India and ASEAN countries. Applicants may apply online and the selected ones will get a chance to finish their PhD with funding at par with their Indian counterparts from the Government of India. The funding includes a monthly stipend and an annual research grant for up to 5 years of their PhD programme.

Please refer to the below website of ASEAN for more details: <https://asean-iit.in/>

### ***Ph.D. Program under Institute Foreign Teaching Assistantship (TA) category :***

Students who wish to pursue Ph.D. at IIT Bombay can also apply under the Institute TA category. The teaching assistantship (TAship) is for a maximum duration of 5 years or up to the thesis submission, whichever is earlier. The monthly rate of assistantship is Rs. 31000/- for the first two years and an enhanced assistantship of Rs.35000/- for the remaining period. Under this scheme, the students can apply till 15 Feb (every year) for admission in the autumn semester and till 14<sup>th</sup> August (every year) for admission in the spring semester. Submit the required documents and a non-refundable application fees of INR 1500 to the Institute's account.

For detailed information, please visit IIT Bombay's page. Link: <https://www.iitb.ac.in/newacadhome/foreign201515jan.jsp>

**For more information : Visit – [www.ir.iitb.ac.in](http://www.ir.iitb.ac.in) or Email – [dean.ir.office@iitb.ac.in](mailto:dean.ir.office@iitb.ac.in)**