



ممثلة وزارة التعليم العالي والبحث العلمي العراقية في الهند  
Representative of the Ministry of Higher Education and Scientific Research (MOHESR) in India

صادرة الدائرة الثقافية  
دلهي الجديدة  
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## دائرة البعثات والعلاقات الثقافية / قسم الدراسات خارج العراق

### م / زمالات دراسية

تحية طيبة...

نود اعلامكم بان المعهد الهندي للتكنولوجيا / مومباي (IITB) والذي يعتبر المعهد العلمي الأول على مستوى الهند (وهو ضمن دليل جامعات الاعتراف الحالي وكذلك ضمن التصنيفات العالمية المختلفة) وبعد التواصل والتشاور المستمر معهم اعلمنا بإمكانية التقديم للدراسات العليا تحت التصنيف Foreign Teaching Assistantship (TA) Category والذي بموجبه يمنح المعهد أجوراً للطلبة مقابل قيامهم بالتدريس لـ ٨ ساعات اسبوعياً ويختلف المبلغ بالنسبة لطلبة الماجستير والدكتوراه ويتراوح بين ١٨٠ - ٤٠٠ دولار امريكي وتكون معاملة الطلبة الأجانب تحت هذا التصنيف (TA) كطلبة الهنود من حيث الأجور الدراسية التي يدفعونها لقاء دراستهم الاكاديمية والتي هي منخفضة وغير مكلفة وللمزيد من التفاصيل الاطلاع على الملفات المرفقة.

للتفضل بالاطلاع ... مع التقدير

د. عمار عبد الحميد خضر  
م. الملحق الثقافي / نيودلهي  
٢٠٢٢/٦/٢٢



المرفقات: -  
اعلان المعهد.

نسخة منه الى: -

- مكتب السيد المدير العام / للتفضل بالاطلاع ... مع التقدير.
- الصادرة.
- الجامعات العراقية كافة / للتفضل بالاطلاع ... مع التقدير.

Science, Engineering, Humanities and Social Sciences. The Computer Centre provides high-end networked computing facilities.

The Institute has many research collaborations with leading universities in USA, Europe, Japan, and other East Asian countries. As part of these collaborations, the postgraduate students get opportunities to carry out joint research projects with faculty and students from them.

The location of IIT Bombay, in close proximity to several leading R&D Centers and major industrial establishments, offers excellent opportunities to interact with them and plan research programmes in collaboration with them. The Industrial Research and Consultancy Centre (IRCC) coordinates collaborative projects with industry and other research organizations such as BARC, TIFR and CSIR labs. The Institute is actively collaborating with several organizations of other countries on a bilateral basis.

### **STUDENTS AMENITIES**

The Institute is fully residential and has 16 hostels for students. Each hostel is an independent entity with its own mess facilities, recreation areas, etc. However students may be permitted to have their own arrangements for accommodation outside campus. Some flatlets are available for married research scholars.

Extra-curricular activities are provided by the Students' Gymkhana. These activities include Sports, Cultural programmes and Social Service. Various clubs of the Gymkhana encourage individual talents of students in hobbies such as painting, modeling, music, photography, aeromodelling and fabrication of electronic devices. A swimming pool is an additional facility. A well-planned Student Activities Centre (SAC) routinely organizes several vibrant extra curricular events.

### **Ph.D. PROGRAMME**

With extensive infrastructural facilities and a sound research base, the Institute offers Ph.D. programme in a wide range of areas in Engineering, Sciences and Humanities & Social Sciences. The broad objectives of the Ph.D. programme are to contribute to expanding the frontiers of knowledge and to provide research training.

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 and interdepartmental group activities. The Institute undertakes sponsored research and development projects from industrial and other organizations in public as well as private sector.

Facilities for research work leading to the Ph.D. degree are available in the departments of Aerospace Engineering, Biosciences and Bioengineering, Chemical Engineering, Chemistry, Civil Engineering, Computer Science and Engineering, Earth Sciences, Electrical Engineering, Energy Science & Engineering, Humanities and Social Sciences, Mathematics, Mechanical Engineering, Metallurgical Engineering and Materials Science, Physics, Industrial Design Centre, Environmental Science and Engineering Department, Centre of Studies in Resources Engineering, Centre for Research in Nanotechnology & Science and Centre for Technology Alternatives for Rural Areas, Centre for Urban Science and Engineering, Interdisciplinary Groups in Climate Studies, Educational Technology, Industrial Engineering & Operations Research and Systems & Control Engineering and in Shailesh J. Mehta School of Management.

## 1. ELIGIBILITY AND PROCEDURE FOR APPLICATION

Students holding foreign passports (including persons with OCI or PIO cards) will be eligible to apply for this scheme.

### (a) Eligibility for Ph.D. programme

For Engineering disciplines, a 4-year bachelor's degree is the minimum qualification. For graduates in Science disciplines, a Masters degree or equivalent is a must for applying. The candidate must have valid GRE and TOFEL examination scores and should be sent along with their applications. Persons who are in the final year of their degree are also eligible to apply.

In addition to the above eligibility criterion, the applicant must satisfy the general eligibility criteria specified for the respective Departments/Centres/Schools / Interdisciplinary Groups, and the eligibility criteria for admission (available at <http://www.iitb.ac.in/newacadhome/phd.jsp> under Ph.D. Information Brochure).

### (b) Procedure for Application

The non-refundable application fees of INR 1500 to be paid by Banker's cheque should be attached with the application. The Departments / Centres / IDPs / School will be free to hold internet supported interviews with the prospective candidate in case it is recommended by the Admission Committee.

### (c) Schedule for Admission

Admission of foreign nationals will be made twice a year. For admission in Autumn Semester, the application last date is 15<sup>th</sup> February and the admission offers will be made by 31<sup>st</sup> March. For admission in the Spring Semester, the application last date is 14<sup>th</sup> August and the admission offers will be made by 30<sup>th</sup> September.

## 2. APPLICATION CATEGORIES AND FINANCIAL SUPPORT

### 2.1 APPLICATION CATEGORY

Foreign Nationals can seek admission to various Postgraduate and Research Programmes under the following categories at IIT Bombay / IITB-Monash Academy (<http://www.iitbmonash.org>).

#### (I) FRN IITB TA (Teaching Assistantship)

Students holding foreign passports (including persons with OCI or PIO cards) will be eligible to apply under this scheme. TAship as applicable to FRN IITB-TA students will be available from the Institute upon admission to Ph.D. programmes of the Institute.

Stipendiary support for students joining IITB-Monash Research Academy will come from the Academy.

### 2.2 FINANCIAL SUPPORT

Financial Support is dependent on qualifying degree and satisfying the requirement of TAship. Students under this category are entitled to financial support as per MHRD norms.

- i. For Students under Teaching Assistantship (TA) category the teaching assistantship (TA-ship) 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 first two years and enhanced rate of Rs.35000/- for the remaining period.
- ii. To get Teaching Assistantship, the students concerned must assist in teaching or research, as assigned by the respective Academic Unit to the extent of 8 hours of work per week.
- iii. The continuation of the assistantship will be subject to satisfactory performance of the duties assigned by the Academic Units as well as satisfactory academic performance.
- iv. Employees on the rolls (with or without pay) of any organization are not eligible for admission under this category.

As per MHRD directives, the employees of any organizations with or without pay are not eligible for admission under TA category. Such candidates may be considered under SW/SF category, if found suitable. Students getting assistantships from the Institute may join projects sponsored by external agencies and obtain corresponding fellowships in lieu of TA ship.

### 3. DOCUMENTS REQUIRED

Foreign students applying for the Ph.D. Programmes require to submit the following documents:-

- 1) Application form as available on the Academic homepage/ Dean (International Relation's Office):
  - a) For Ph.D. Application Form-  
[http://www.ir.iitb.ac.in/?page\\_id=26](http://www.ir.iitb.ac.in/?page_id=26)
- 2) Bio-Data / Curriculum Vitae / Resume
- 3) Personal particulars of Foreign Scholars coming to India (**Appendix-1**).
- 4) Copy of the grade transcripts with the explanation of the assigned grades.
- 5) Statement of purpose.
- 6) Three recommendation letters – at least one recommendation should be about the student's academic performance issued by a faculty member.
- 7) Documentary proof to illustrate fluency in English language.  
If English is not the first language or language of medium of instruction (during secondary & higher education), passing any of the following tests will be required. Test scores more than two years old will not be accepted for consideration.
  - i. The Test of English as a foreign language (TOEFL), administered by the Educational Testing Service in the US, in which scores of at least 580 overall and 4.0 in the Test of Written English are required. The computer based test requires scores of at least 240 overall and 4.0 in essay writing. The internet based test requires scores of at least 95 overall with a minimum score of 20 in writing.
  - ii. The International English Language Testing Service (IELTS) test, administered by the British Council, in which scores of 6 or more in each section and an overall score of 6.5 are required.
  - iii. TOFEL/IELTS scores more than two years old will generally not be considered. However if the candidate is otherwise found to be of very good credential in the core subject, he/she may be considered subject to qualifying English Language test to be conducted by the Institute within one semester of his/her admission.
- 8) GRE / GMAT Scores are desirable for all categories
- 9) Copy of the passport (page showing your nationality and personal details).

### 4. VISA REQUIREMENTS

Students admitted for Ph.D. programmes must have a Research Visa.

### 5. MEDICAL FITNESS REQUIREMENT

It is advisable that the candidates get a general check up done before departure, to ensure that he/she do not suffer from any major ailments. They should get vaccinated against the following diseases, before reporting to IIT Bombay,

- i. Typhoid
- ii. Hepatitis A
- iii. MMR – 1 dose after age of 15 years
- iv. Chickenpox
- v. dT (diphtheria and tetanus)

Only those candidates in whom vaccination is medically contraindicated, would be exempted from these vaccinations on production of medical certificate. They are also requested to submit the "Vaccination Certificate/Vaccination Exemption Certificate" at the time of registration. They may be allowed to register with the partial vaccination, if done. However, he/she will be required to complete the vaccination during the first semester. Registration for the second semester will be subject to complete vaccination as required. Please refer to <http://www.iitb.ac.in/newacadhome/phd.jsp> for proforma of "Vaccination Exemption Certificate".

After admission formalities are completed, Full-Time students will be provided with full medical facilities as applicable to Indian students at IIT Bombay.



## **6. FORMALITIES AFTER FOREIGN STUDENTS JOIN THE INSTITUTE**

### **6.1 PAYMENT OF FEES AND DEPOSITS**

Fee structure is given in **Appendix-3**

The fees payments can be made through Travelers cheques / Bankers cheques / Demand Draft in favor of “Registrar, IIT Bombay”.

## **7. ACCOMMODATION AND STUDENT ACTIVITIES**

Hostel accommodation with messing is available on the IIT Bombay campus for Ph.D. students, together with facilities for sports and cultural activities, in addition to the academic infrastructure.

Students can contact the Office of International Relations (<http://www.ir.iitb.ac.in>) for more information regarding the stay of International students in India and on the IIT Bombay campus.

## **8. REGISTRATION FOR THE Ph.D. DEGREE**

After a foreign national has been admitted to the Institute, he/she has to make an application in the prescribed form for Ph.D. Registration. This application will be considered by the Departmental Post-Graduate Committee (DPGC) which will make appropriate recommendations to the Senate regarding (a) the course work prescribed for the candidate and (b) the date of registration.

The period of validity of Ph.D. Registration for all candidates is FIVE/SIX years from the date of confirmation of registration (Registration is confirmed as per rules, after successfully completion of course credit requirements )

## **9. CONFIRMATION OF REGISTRATION**

All Ph.D. Admission are provisional until the “Confirmation of Registration” is completed. This confirmation takes place after completing the prescribed course work (within six months to a year after admission) and only if academic performance criterion set by the academic unit is met. Some academic units (Departments / Interdisciplinary groups / Centres/ Schools) prescribe a qualifier examination for the Ph.D. Programme. These must be completed successfully prior to the date of confirmation of registration. Failure to meet satisfactory performance criterion may lead to termination of studentship [Ref:”Rules & Regulations for Ph.D. Programme” available at <http://www.iitb.ac.in/newacadhome/rules.jsp> ]

## **10. SUBMISSION OF THESIS AND AWARD OF DEGREE**

Subject to fulfilling the course credit requirements and other conditions as may be laid down from time to time, the candidate may submit the Ph.D. Thesis after two years from the date of registration.

The thesis is examined by two/three referees from outside the Institute. The Senate examines the reports of the referees and only on acceptance of the thesis, appoints a Board of Examiners to conduct a viva-voce examination at which the candidate is required to defend his/her thesis.

On the basis of the report of the Board of Examiners, the Senate decides the student's eligibility for award of the degree of Doctor of Philosophy.

**PERSONAL PARTICULARS OF FOREIGN SCHOLARS**

1	Full Name (expanding the initials)	
2	Nationality	
3	Date & Place of Birth	
4	Parentage (names of the parents)	
5	Present address	
6	Permanent address	
7	Passport number date and place of issue & validity	
8	Whether previously in India if so dates & place	
9	Occupation	
10	Purpose of visit	
11	Expected duration of stay (in IIT Bombay)	
12	Places in India likely to be visited	
13	Name of the Indian Mission abroad at which the foreigner will apply for visa authorization	
14	Source of funding and terms/ conditions of funding / appointment	
15	Whether accompanied by spouse/ dependents, and if, full personal particulars & sources of funding should be indicated	

## Financial Assistance

- Students with M.Tech / ME or equivalent and students with B.Tech. / B.E or equivalent and with M.Sc / M.A / M.Com or equivalent as the qualifying degree, will get a teaching assistantship for a maximum duration of 5 years or upto the thesis submission, whichever is earlier. At present, the monthly rate of assistantship is ₹ 25000 (\$ 385 appx.) for first two years and ₹ 28000 (\$ 430 appx.) for the remaining period.
- Under the Teaching Assistantship programme, the students concerned must assist in teaching or research, as assigned by the respective Academic Units to the extent of 8 hours of work per week.

## Inquiries

### Joint Registrar (Academic)

Tel: (+91-22) 2576 7041 | Fax: (+91-22) 2576 4041, 2572 3480

Email: dracad@iitb.ac.in

### For departmental inquiries:

<http://www.iitb.ac.in/en/education/academic-divisions>

For detailed information about discipline, areas of research & specializations and faculty profiles etc., please visit the website of individual academic of the Institute.



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# Ph.D. Programme for International Students



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY

# Indian Institute of Technology Bombay

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'. Since then, IITB has grown from strength to strength to emerge as one of the top technical universities in the world.

The institute is recognised worldwide as a leader in the field of engineering education and research. Reputed for the outstanding calibre 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.



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 16 hostels with in-house dining; the campus also provides excellent amenities for sports and other recreational and medical facilities.

## Outline

With a sound research base and extensive infrastructural facilities, the Institute offers Ph.D. programmes in a wide range of areas in Engineering, Science, Humanities, Management and Social Sciences. 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 broadbased 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

- Candidates from Engineering Discipline; a 4-year Bachelor's degree is the minimum qualification.
- For graduates in Science disciplines, a Masters Degree or equivalent is a must for applying.

The candidate must have 60% marks or equivalent in terms of GPA (Grade Point Average) and must have qualified for GRE and TOEFL/ IELTS. Persons who are in the final year of their degree are also eligible to apply.

Link: <http://www.iitb.ac.in/newacadhome/FOREIGNBROCHURE201620Jan.pdf>

## Departments offering Ph.D. Programme

<http://www.iitb.ac.in/en/education/academic-divisions>

## Application Fee

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. The concerned academic entity may hold a Skype interview with the prospective candidates in case they so desire. Admission will be offered twice in a year.

Downloadable Application Form & Information Brochure is available on the Institute

website [http://www.ir.iitb.ac.in/?page\\_id=26](http://www.ir.iitb.ac.in/?page_id=26) or

<http://www1.iitb.ac.in/academic/phd.jsp>

Candidates are required to download their application form.

## Important Dates

### Autumn Semester (Semester 01): begins in July

Availability of Application Forms	:	October 15
Submission of Application Form	:	November 30
Result Declaration	:	By January 31
Registration and beginning of Academic Session	:	3rd week of July

### Spring Semester (Semester 02): begins in January

Availability of Application Forms	:	April 15
Submission of Application Form	:	May 30
Result Declaration	:	By July 31
Registration and beginning of Academic Session	:	1st week of January

For application form, fees and other detailed information please

visit <http://www.iitb.ac.in/newacadhome/FOREIGNBROCHURE201620Jan.pdf>

Mode of application: Offline