



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
Powai, Mumbai – 400 076

Applications are invited ONLINE for admission to the Ph.D., M.Tech., M.Tech.+ Ph.D. (Dual Degree), M.Sc.-Ph.D.(Dual Degree) (Energy), Master in Public Policy (MPP), M.S. by Research (CS & CMInDs), MA+Ph.D (Dual Degree) in Philosophy in the Department of Humanities & Social Sciences, Master in Development Practice (MDP) (CTARA) and Master of Arts by Research (MA.Res.) for the Academic Year 2023-24 starting from July 2023.

Degree/ Programme	Minimum Eligibility criterion
Ph.D.	<p>A.5.1) General eligibility criterion for Admission in all academic units : Departments, Centres, Schools and Interdisciplinary Groups: <u>Qualifying Degree:</u></p> <ol style="list-style-type: none"> 1. Master's or equivalent degree in Engineering/Technology 2. Bachelor's degree in Engineering/Technology 3. Master's or equivalent degree in science 4. Master's or equivalent degree in Arts/Commerce (or allied subjects) <p>For qualifying degree listed under (2), (3) & (4), candidates must also fulfil ONE of the following additional requirements:</p> <ol style="list-style-type: none"> a) Valid GATE/CEED/score b) Selected through National Eligibility Test – UGC NET including lectureship (Assistant Professorship) c) Selected through a National level examination conducted by MHRD or its agencies /Institutions such as UGC/ IIT/ IISc./ IISER/ IIIT etc. (d) Selected provisionally for the DST-INSPIRE Fellowship (provisional award letter to be produced) e) Minimum of TWO years of professional experience (acquired after obtaining the qualifying degree and completed before the starting of the semester in which admission is sought) <p><u>Marks / CGPA / CPI requirement in Qualifying Degrees (listed above):</u></p> <p>For GN/EWS/OBC (NC) category</p> <ol style="list-style-type: none"> (a) a minimum of 60% marks in aggregate, OR (b) a First Class as specified by the University, OR (c) a minimum Cumulative Grade Point Average (CGPA) / Cumulative Performance Index (CPI) of 6.0 on the scale of 0-10, OR (d) an equivalent to 6.0 on other corresponding proportional requirements when the scales are other than 0-10. (e) For master's or equivalent degree in Arts/Commerce (or allied subjects, a minimum of 55% marks will be considered for admission to the Ph.D. programmes offered ONLY by Industrial Design Centre and Department of Humanities & Social Sciences. <p>For SC/ST/PwD category</p> <ol style="list-style-type: none"> (f) a minimum of 55% marks in aggregate, OR (g) a First Class as specified by the University, OR (h) a minimum Cumulative Grade Point Average(CGPA) / Cumulative Performance Index (CPI) of 5.5 on the scale of 0-10, OR (i) an equivalent to 5.5 on other corresponding proportional requirements when the scales are other than 0-10. (j) For master's or equivalent degree in Arts/Commerce (or allied \ subjects, a minimum of 50% marks will be considered for admission to the Ph.D. programmes offered ONLY by Department of Humanities & Social

	<p>Sciences.</p> <p>A.5.2) All Bachelor's degree undergraduate course leading to a Bachelor's, Integrated Master's or Bachelor-Master Dual Degree in Engineering, Sciences or Architecture offered by IITs (admitted through JEE) having a CGPA/CPI score of 8.00 (on 10 scale) and above from an Indian Institute of Technology or any of the CFTIs is exempted from the requirement of a valid GATE score for the consideration of General Eligibility Requirement for admission.</p> <p>In addition to general eligibility criterion, the applicants must also satisfy the eligibility criteria specified for the respective Departments / Centres / Schools / Interdisciplinary Groups.</p> <p>Over and above the general eligibility criteria for admission, candidates need to satisfy additional criteria for financial support / fellowship, as specified under specific admission categories [Please refer section 6.0].</p> <p>The final selection process to Ph.D. programme to any Departments / Centres / Schools / Interdisciplinary Groups at IIT Bombay will be through written test and/or interview as specified by individual Department / Centre / Schools / Interdisciplinary Groups.</p>
<p>M.Tech.</p>	<p>A.5.1) General Eligibility for M.Tech. Programme in all Academic Units (Departments, Centres, Schools, Interdisciplinary Groups, Cross Departmental Programmes)</p> <p>Qualifying degree -----</p> <p>B.E./ B.Tech./ B.Sc. (Engineering) / Bachelor of Architecture /Bachelor of Planning/M.Sc. / M.C.A. /MBBS (Medicine) / BDS (Dental), B.Pharm/ B.V.Sc., B.P.Th. ,B.O.Th., B.ASLP, Pharma. D (Duration 4 years or more) recognized equivalent to B.E. / B.Tech. earned through Associate Membership Examinations conducted by recognized professional bodies (like Institution of Engrs. (India), Institute of Chemical Engrs., Aeronautical Society of India, Institute of Electronics & Telecommunication Engrs., Indian Institute of Metals, etc.).</p> <p>Marks / CGPA / CPI in qualifying degree -----</p> <p>For GN/EWS/OBC (NC) category</p> <p>(1) a minimum of 60% marks in aggregate, OR (2) a First Class as specified by the University, OR (3) a minimum Cumulative Grade Point Average (CGPA) / Cumulative Performance Index (CPI) of 6.0 on the scale of 0-10; OR (4) an equivalent to 6.0 on other corresponding proportional requirements when the scales are other than 0-10.</p> <p>For SC/ST/PwD category</p> <p>(1) a minimum of 55% marks in aggregate, OR (2) a minimum Cumulative Grade Point Average (CGPA) / Cumulative Performance Index (CPI) of 5.5 on the scale of 0-10; OR (3) an equivalent to 5.5 on other corresponding proportional requirements when the scales are other than 0-10.</p> <p>Additional eligibility criteria for different admission categories and, different disciplines and specializations are specified in Table A.3 of this brochure.</p>

M.S. by Research (Computer Science and Engineering)	<p>Eligibility for admission to the M.S. by Research programme will be identical to that for M. Tech. in CSE. A detailed clarification of the eligibility criteria for M.S. by Research and M.Tech programmes in CSE is provided in Table-A.3 of the M.Tech. Information brochure.</p> <p>Candidates with First class or 60% (55% marks for SC/ST) marks in (i). B.E./B.Tech./AMIE or equivalent in any engineering discipline. OR (ii). M.Sc. or equivalent in any science discipline. OR (iii). MCA (with undergraduate B.Sc. degree in Physics & Mathematics or BCA) or equivalent</p> <p>Valid GATE score (CS) is required for all applicants except those having B.Tech. Degree in CS/CSE from IITs with CGPA/CPI of 8.00 (on 0-10 scale) or above</p> <p>Admissions into the M.S. programme will be in TA/TAP and RAP categories. The TA/TAP and RAP stipends will be the same as for M. Tech. For both the categories, stipends will be given for a maximum of 36 months or until thesis submission, whichever is earlier.</p>
M.S. by Research (Data Science and Artificial Intelligence in CMInDs)	<p>A detailed clarification of the eligibility criteria for M.S. by Research programmes in CMInDs is provided in Table- A.3 of the M.Tech. Information brochure.</p> <p>Candidates with First class or 60% (55% marks for SC/ST) marks in (i). B.E./B.Tech./AMIE or equivalent in any engineering discipline. (ii). M.Sc. or equivalent in any science discipline. (iii). MCA (with Physics & Mathematics at B.Sc. level) or equivalent</p> <p>Valid GATE score in: AE, BM, BT, CE, CH, CS, CY, EC, EE, ES, IN, MA, ME, MN, MT, PH, PI, ST, XE, XL is required for all applicants except commissioned officers of the armed forces and those having B.Tech. Degree from IITs with CGPA/CPI of 8.00 and above (on 0-10 scale).</p> <p>The Center may additionally conduct a written test and/or an interview for all applicants to shortlist candidates to be selected.</p>
M.Tech. + Ph.D. (Dual Degree)	<p>Candidates eligible for admission to M.Tech. Programme are also eligible for M.Tech.+Ph.D. Dual Degree Programme, in certain disciplines/specializations. There is a common application for M.Tech. and M.Tech.+ Ph.D. (Dual Degree) Programme.</p> <p>Candidates after getting admission to M.Tech. Programme will be considered for M.Tech.+ Ph.D. (Dual Degree) Programme if they have opted for it in the application.</p>
M.Sc.- Ph.D. (Dual Degree) (Energy)	<p>The candidate must have Bachelor's degree in Science of minimum three years duration, with any one of Chemistry, Mathematics and Physics for two years/four semesters and any one of the remaining two subjects for at least one year/ two semesters. Admissions will be on the basis of JAM scores. No interviews for M.Sc. -Ph.D. admissions.</p>
Master in Public Policy (MPP)	<p>A). Minimum Eligibility Criteria</p> <p>(i) Any two-year master's degree or a 4-year bachelor's degree (post 10+2) in Arts, Commerce or equivalent, or an LLB# with a minimum of 55% marks (50% marks for SC/ST/PwD) or /equivalent letter grade*/ GPA from a recognized institution or deemed university (as recognized by AICTE/UGC/AIU).</p> <p>A two-year M.Sc./M.S/M.Tech degree or a 4-year B.Sc B.S/B.Tech/B.Arch degree (minimum 4 year degree) (post 10+2) or equivalent with a minimum of 60% marks (55% marks for SC/ST/PwD) or equivalent letter grade*/ GPA from a recognized institution or deemed university (as recognized by AICTE/UGC/AIU).</p>

	<p>*All equivalent degrees must be certified by their respective institution (s).</p> <p>#LLB should be completed after undergraduate degree and can be equivalent to a 4 yrs bachelor degree</p> <p># Five year integrated LLB after (10+2) can be equivalent to a 4 yrs bachelor degree</p> <p>Additional eligibility criteria for different admission categories is specified in the MPP Information Brochure.</p>
<p>MA+Ph.D (Dual Degree) in Philosophy in the Department of Humanities & Social Sciences</p>	<p>The candidate must have a Bachelor's Degree (BA/Bcom/BS/Bsc/BE/B.Tech.), 10+2+3/4, in any discipline with 60% marks (or first class as specified by the university) for GN/EWS/OBC(NC) and 55% for SC/ ST/ PwD categories.</p> <p>Selection Process: Students will enter the programme through DEEP (Dual-degree Entrance Examination in Philosophy), which will consist of a written examination for 3 hours, followed by an interview of the shortlisted candidates</p> <p>The DEEP will be conducted in three stages: I. Objective type written examination (100 marks) from the domain of logical reasoning and philosophy. II. Shortlisted candidates will be invited to write a descriptive type written examination from the discipline of philosophy. III. Candidates who clear the second stage will be called for the interview. Candidates with valid GATE Philosophy (XH C4) score will be exempted from appearing for Stage I of the DEEP. They qualify directly for Stage II of the examination. The required GATE score will be announced on a later date.</p>
<p>Master in Development Practice (MDP)</p>	<p>Eligibility: Academic Criterion At least a bachelor's degree (minimum 4-year program) in fields of engineering, technology, planning, or architecture or a 5-year master's degree in physical sciences from a university recognized by UGC.</p> <p>Eligibility: Experience Criterion The candidates must have work experience of a period of two years in field-based activities of the development sector. CTARA will require the candidates to submit certificates of work experience of a period of total cumulative 24 (twenty-four) months in field-based activities of the development sector issued by a competent authority of a registered development organization.</p> <p>The certificate should provide the details of the field-based work experience such as time-line (dates), time-duration (period), location of work, nature of work, responsibilities or projects handled, names and details of mentors or supervisors of the applicant. The gaps in the work experience, if any, will have to be accounted for by the applicant in the Statement of Purpose (SOP) to be submitted with the application. The experience certificates should also be accompanied by a NOC (No-Objection Certificate) if the candidate is employed. In absence of NOC, the candidate may submit an undertaking with the application, stating that he/she will submit the NOC/ Resignation Letter (whatever is applicable) at the time of joining.</p> <p>The organization should be formally registered under a relevant law such as Societies Registration Act, Charitable Trust Registration Act, or Companies Act. The competent authority could be the Chairperson, President, or Secretary of the organization from the development sector with whom the applicant worked. CTARA Admission Committee holds the right to contact the issuing authority of the organization and seek additional information. The decision of the Admission Committee of CTARA regarding experience-based eligibility criteria will be final.</p> <p>Selection Process: The selection and admission process will involve submission of a formal</p>

application with required documents and certificates. An application fee of Rs. 300 is to be paid when applying for this program. The selection will be based on the candidate's Application Form, Statement of Purpose (SoP), written test, and/or interviews.

The Statement of Purpose should contain, at least, the details of the personal and educational journey, the motivation behind joining the development sector, the reflections on the previous work and experiences in the development sector, the motivation behind applying for this program, and future plans after completion of the program.

Key Program Features

- The duration of this full-time program is about one year and will be conducted primarily in the online interactive mode with some in-person modules.
- The program is designed especially for persons who have work-experience in field-based activities in the development sector.
- Apart from the course work, the program requires a student to complete an independent MDP project under the mentorship of an IIT Bombay faculty.
- The program is open for students who either are sponsored by an organization or are self-sponsored.
- IITB will not provide any financial support or hostel accommodation to students registered for the program. The students will also not be eligible for the regular placement program of IIT Bombay.

Program Fees

The fees of the entire program is Rupees 3,00,000/- to be paid in two installments at the beginning of each of the two semesters.

More details about the MDP program are available on CTARA website.

Master of Arts By Research (MA.Res.)

A: ELIGIBILITY CRITERIA

a. Candidates must have one of the following:
A 3-year Bachelor's Degree (such as a BA, BSc, BCom or others – 10+2+3)
A 4-year Bachelor's degree (such as BA, BS, BTech – 10+2+4)
An earlier post-graduate degree (such as an MA, MSc – 10+2+3+2).

b. Candidates must meet the minimum percentage criterion in their qualifying degree as per the institute norms (GN/EWS/OBC-NC 60% and SC/ST/PwD 55%; or a minimum Cumulative Grade Point Average (CGPA)/Cumulative Performance Index (CPI) of 6.0 on the scale of 0-10; or an equivalent to 6.0 or other corresponding proportional requirements when the scales are other than 0-10).

c. Candidates must have a valid GATE score/qualification in the GATE-XH paper. MoE norms will be applicable to the GATE score obtained by the candidates.

Note: Candidates with qualification in other GATE papers are NOT eligible

d. The minimum GATE score (cut-off score) for 2023-24 is 200 for the GN category. Eligible scores for other categories will be determined as per MoE norms.

B. SELECTION CRITERIA

Candidates who meet the minimum eligibility criteria and who meet the requisite GATE-XH cut-off shall be invited for the MA by Research Admissions Test (MAAT-2023), subject to the following: The total number of applicants called for the MAAT-2023 test may be restricted in the ratio 1:5

(for a maximum of 100 candidates for 20 seats.)

Candidates who qualify in MAAT-2023 will be invited to appear for an interview; the shortlist will be determined by an aggregate of GATE and MAAT scores. The shortlist may be limited in the ratio 1:2.5 (50 students).

The final selection will be based on the composite score obtained in MAAT-2023, the interview, and the GATE examination. Students eligible for consideration under the SC/ST category will be selected on the basis of GATE scores only.

Information about the structure of the admission test and the previous year's paper will be available on the department website.

The final list of selected candidates through the written test and interview will be uploaded on COAP for TA/RA category and on the dept. website

Please read the guide-lines for respective programmes in the Brochure.

Schedule for PG Admissions for year 2023-24

Programme	Mode of Application	Availability of application forms	Last date for receipt of completed application forms
M.Tech./M.Tech.+Ph.D.(Dual Degree)/ M.S. By Research (CSE/CMinDS)	Online	24.03.2023	17.04.2023
Ph.D.	Online	24.03.2023	17.04.2023
MA+Ph.D (Dual Degree) in Philosophy in the Department of Humanities & Social Sciences	Online	29.03.2023	20.04.2023
Master of Arts by Research (MA.Res.)	Online	24.03.2023	10.04.2023
Master in Public Policy (MPP)	Online	24.03.2023	16.04.2023
Master in Development Practice (MDP)	Online	24-03-2023	18-05-2023
