

## INDIAN INSTITUTE OF TECHNOLOGY BOMBAY Powai, Mumbai – 400 076

Applications are invited ONLINE for admission to the <u>Ph.D.,M.Tech.</u>, <u>M.Tech.</u>+ <u>Ph.D.</u> (<u>Dual Degree</u>), <u>Master in Public Policy (MPP</u>), M.S. by Research (<u>CS/CMInDs/KCDH</u>), <u>MA+Ph.D (Dual Degree) in Philosophy in the Department of Humanities & Social Sciences</u>, and <u>Master of Arts by Research (MA.Res.)</u> for the Academic Year 2024-25 starting from July 2024.

for the Academic Year 2024-25 starting from <u>July 2024.</u>						
Degree/ Programme	Minimum Eligibility criterion					
	A.5.1) General eligibility criterion for Admission in all academic units: Departments, Centres, Schools and Interdisciplinary Groups:  1a. Master's or equivalent degree in Engineering/Technology  1b. M.B.A (with B.Tech./ B.E. or equivalent an degree)					
Ph.D. (https://www.iitb.ac.in/ newacadhome/phd.jsp_)	<ul><li>2a. Bachelor's degree in Engineering/Technology/Medicine (4 year)</li><li>2b. Bachelor degree in Science (BS) ( 4 year degree)</li></ul>					
	3. Master's or equivalent degree in science					
	4. Master's or equivalent degree in Arts/Commerce (or allied subjects)					
	For qualifying degree listed under (2), (3) & (4), candidates must also fulfil ONE of the following additional requirements:					
	a) a valid GATE/JEST (for Physics) score					
	b) Selected through National Eligibility Test – UGC NET including lectureship (Assistant Professorship)					
	c) Selected through a National level examination conducted by MoE 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)					
	Marks / CGPA / CPI requirement in Qualifying Degrees (listed above):					
	For GN/EWS/OBC (NC) category					
	(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 or equivalent degree in Humanities and					
	Social Sciences subjects, a minimum of 55% marks will be considered for					
	admission to the Ph.D. programmes offered ONLY by Department of Humanities &					
	Social Sciences.					
	For SC/ST/PwD category					
	(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 or equivalent degree in Humanities and Social Sciences subjects, a minimum of 55% marks will be considered for admission					
	to the Ph.D. programmes offered ONLY by Department of Humanities & Social Sciences					
	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					

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.

In addition to general eligibility criterion, the applicants must also satisfy the eligibility criteria specified for the respective Departments / Centres / Schools / Interdisciplinary Groups.

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].

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.

### M.Tech.

(<a href="https://www.iitb.ac.in/">https://www.iitb.ac.in/</a> newacadhome/mtech.jsp\_) A.5.1) General Eligibility for M.Tech. Programme in all Academic Units (Departments, Centres, Schools, Interdisciplinary Groups, Cross Departmental Programmes)

### Qualifying degree

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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)(IE), Institute of Chemical Engrs., including Polymer and Environmental Group (IIChE), Aeronautical Society of India(AeSI), Institute of Electronics & Telecommunication Engrs. IIETE), Indian Institute of Metals (IIM), Indian Institute of Industrial Engineers (IIIE). Candidates who posses certification from any of the professional societies must ensure that those examinations are approved by MoE/AICTE/UGC/UPSC as equivalent to B.E./B.Tech./B.Arch./B. Planning.

Marks / CGPA / CPI in qualifying degree

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For GN/EWS/OBC (NC) category

(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.

For SC/ST/PwD category

(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.

Additional eligibility criteria for different admission categories and, different disciplines and specializations are specified in Table A.3 of M.Tech. Information brochure.

#### M.S. by Research (Computer Science and Engineering) (https://www.iitb.ac.in/ newacadhome/ msResearch.jsp)

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.

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 Valid GATE score (CS) is required for all applicants except those having B.Tech. Degree in any discipline from IITs with CGPA/ CPI of 8.00 (on 0-10 scale) or above. 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. M.S. by Research First Class or 60% marks (55% marks for SC/ST), as specified in the General (Data Science and Eligibility Criteria, in any of the following qualifying degrees: **Artificial** i) B.E./B.Tech./AMIE or equivalent in any engineering discipline. **Intelligence in** ii) Bachelor degree in Science (BS) (4 year degree) CMInDs) iii) M.Sc. or equivalent in any science or mathematical discipline. (https://www.iitb.ac.in/ iv) MCA (with Physics & Mathematics at B.Sc. level) or equivalent newacadhome/ msResearch.jsp ) Valid GATE score in: AE, BM, BT, CE, CH, CS, CY, DA, EC, EE, ES, IN, MA, ME, MN, MT, PH, PI, ST, XE, XL is required for all applicants except for those having Bachelor degree in Science (BS) (4 year degree) from IITs with CGPA/CPI (normalized to a 10 point scale) >= 8. The Center may additionally conduct a written test and/or an interview. Please visit www.minds.iitb.ac.in/admissions for the syllabus and details. **M.S. by Research in** Candidates with First class or 60% (55% marks for SC/ST) marks in Healthcare Informatics **{Koita** B.E./B.Tech. /AMIE or equivalent in any engineering discipline. Centre for Digital Health (KCDH)} M.Sc. or equivalent in any science discipline. (https:// MCA (with Physics & Mathematics at B.Sc. level) WITH equivalent www.iitb.ac.in/ newacadhome/ Valid GATE score in any discipline is required for all applicants except msResearch.jsp ) 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). OR MBBS, BDS, BPharm, BVSc, BPTh, BOTh (degree programme to be of 4 years or more) with 60 percent aggregate AND qualifying All India level post graduate entrance examination for corresponding disciplines such as AIIMS/ NEET-PG/ MCI/JIPMER/PGI Chandigarh/AFMC-Pune/for MBBS/BDS or GPAT (for Pharmacy graduates) or a valid CSIR/UGC/DBT/ICMR JRF not linked to ICMR project (for FA any fellowship that will provide scholarship for 2 years Note: The Center may additionally conduct a written test and/or an interview for all applicants to shortlist candidates to be selected. Candidates eligible for admission to M.Tech. Progamme are also eligible for M.Tech.+Ph.D. Dual Degree Programme, in certain disciplines/ specializations. M.Tech. + Ph.D. (Dual Degree) There is a common application for M.Tech. and M.Tech.+ Ph.D. (Dual Degree) (https://www.iitb.ac.in/ Programme. newacadhome/mtech.jsp ) 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. A. Minimum Eligibility Criteria **Master in Public** Policy (MPP) Any two-year Master's degree or a 4-year Bachelor's degree (post 10+2) in Arts, (https://www.iitb.ac.in/ Commerce or equivalent, or an LLB<sup>#</sup> with a minimum of 55% marks (50% marks newacadhome/mpp.jsp ) for SC/ST/PwD) or /equivalent letter grade\*/ GPA from a recognized institution or deemed university (as recognized by AICTE/UGC/AIU).

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) or M.B.B.S 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).

\*All equivalent degrees must be certified by their respective institution (s).

#LLB should be completed after undergraduate degree and can be equivalent to a 4 yrs bachelor degree

# Five year integrated LLB after (10+2) can be equivalent to a 4 yrs bachelor degree

#### **Teaching Assistant category (TA):**

ADCPS will offer about 10-12 TAships per academic year. Candidates applying for Institute's TAships will be required to submit VALID GATE scores to be considered for the same.

#### TTeaching/ Research Assistantship through Project TAP/RAP:

ADCPS will offer, depending upon project availability, teaching/ research assistantships through project (TAP/RAP). Candidates applying for TAP/RAP positions (if available) will be required to submit VALID GATE scores to be considered for the same.

#### Self-Finance (SF)

The MPP programme will also be open to all Self – Finance candidates with work experience and in-service candidates. In-service candidates working in government organizations or a Public Sector Undertaking, must ensure that their organization will permit them to undertake the requisite course work and project, for the duration of the MPP programme.

Candidates without any experience WILL NEED to submit a VALID GATE score.

SF candidates must have completed their 4 years undergraduate degree on a date which is at least 2 years prior to their possible admission to the MPP programme.

[Note: The 2 years duration mentioned above will be counted from the date of qualifying the UG degree (4 years) till the date of joining the MPP programme of the Institute].

## MA+Ph.D (Dual Degree) in Philosophy in the Department of

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.

# Sciences (https://www.iitb.ac.in/

newacadhome/maPhd.jsp )

## **Humanities & Social 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

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 for written/interviewfrom the discipline of philosophy.
- III. Candidates who clear the second stage will be called for the final interview.

### Master in Development Practice (MDP) (https://www.iitb.ac.in/

newacadhome/mdp.jsp\_)

#### 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.

## 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.

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.

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.

More details about the MDP program are available on CTARA website <a href="mailto:(https://www.iitb.ac.in/newacadhome/mdp.jsp.">(https://www.iitb.ac.in/newacadhome/mdp.jsp.)</a>

## Master of Arts By Research (MA.Res.)

(https://www.iitb.ac.in/ newacadhome/ masterofArts.jsp)

#### A: ELIGIBILITY CRITERIA

a. Candidates must have <u>one</u> 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 2024-25 is 200 for the GN category. Eligible scores for other categories will be determined as per MoE norms.

#### B. SELECTION CITERIA

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-2024), subject to the following: The total number of applicants called for the MAAT-2024 test may be restricted in the ratio 1:5 (for a maximum of 100 candidates for 20 seats.)

Candidates who qualify in MAAT-2024 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-2024, 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.

## Schedule for PG Admissions for year 2024-25

- O	Application	Availability of application forms	Last date for submission of completed application REGULAR form (without late fine)	Last date for submission of completed application EXTENDED form (with late fine)
M.Tech./M.Tech.+Ph.D.(Dual Degree)/ M.S. by Research (Computer Science & Engg. Dept./Data Science and Artificial Intelligence in CMInDs/ Healthcare Informatics in KCDH)		20.03.2024	05.04.2024	10.04.2024
Ph.D.	Online	21.03.2024	05.04.2024	10.04.2024
MA+Ph.D (Dual Degree) in Philosophy in the Department of Humanities & Social Sciences	Online	20.03.2024	10.04.2024	14.04.2024
Master of Arts by Research (MA.Res.)	Online	20.03.2024	10.04.2024	14.04.2024
Master in Public Policy (MPP)	Online	22.03.2024	10.04.2024	15.04.2024
Master in Development Practice (MDP)	Online	03-04-2024	17.05.2024	22.05.2024

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