

**Centre for Machine Intelligence
and Data Science [CMInDS]**

Indian Institute of Technology Bombay



MS by Research and PhD Program
Admissions

ADMISSIONS
PROCEDURE

April 20, 2022

www.minds.iitb.ac.in

MS by Research Admissions Process

1. All applicants meeting the eligibility criteria (see following link) (<https://www.iitb.ac.in/newacadhome/Revisedadvertisement2022.pdf>) and having a GATE score higher than the cutoffs (**GN/EWS >= 650, OBC-NC >= 585, SC/ST/PD >= 433**) in their respective categories are shortlisted for an **online admissions test**. Even if you (the applicant) do not receive a letter or email about the shortlisting, you may appear for the test if you meet the eligibility requirements and the GATE score cutoff.
2. All shortlisted applicants **MUST** take a mock test on **Apr 24, 2022**. Applicants can attempt the mock test anytime between **8am and 6pm** on April 24. This is mandatory for anyone to attend the final written test on May 02, 2022. **Absolutely no exceptions will be entertained in this regard.** Shortlisted applicants must be logged in by 8 am to ensure the proctoring environment is set up correctly.
3. It is the responsibility of the applicant to have a stable internet connection and a laptop/desktop with a working webcam/microphone and speakers from which they can take the test as well as attend the interview, both of which will be online. IIT Bombay/CMINDS takes no responsibility for any resources that applicants need for the online test/interview. Applicants will not be permitted to take the test on mobiles/smartphones.
4. The test (mock and actual) will be administered via **CodeTantra**. Please read this [instructions document](#) to know about how to setup and take the test using CodeTantra. It is the sole responsibility of the applicants to familiarize themselves with CodeTantra using material provided.
5. The final online test will be held on **Monday, May 02, 2022 from 2 pm to 4pm**. You must be logged 30 minutes before the test begins (**by 1:30 pm**) to ensure the proctoring environment is set up correctly. All **logins will be disabled by 1.45 pm** and no excuses will be entertained.
6. [Here](#) is the syllabus for the online test. The test will be for **2 hours** and will be of objective type.
7. The qualifying mark to be considered for an interview is **30% of the total marks** of the online test. Top-90 candidates based on the online test scores will be shortlisted for the interview stage.
8. Shortlist for interviews will be announced by **6pm on May 04, 2022**.
9. There are a total of **20 TA (Teaching Assistantship) positions** available for the MS by Research program. Their allotment will be as per the following admission categories:

40.5 % GE (8), 10% EWS (2), 27% OBC (5), 15% SC (3), and 7.5% ST (2).

Additionally, there will also be seats in the TAP (Teaching Assistantship through projects) and RAP (Research Assistantship through Projects) categories. Details about the same will be made available at the time of admissions.

10. The **interviews** will be conducted in the online mode **May 05-12, 2022**. Details of this (zoom/google meet etc) will be communicated to applicants by the CMINDS office. The final results will be available on the [COAP](#) portal by second round of offers.

KEY EVENTS

EVENT	DATE / TIME	VENUE
Mock test for shortlisted (eligible) applicants on CodeTantra (<i>mandatory</i>)	Sunday, April 24, 2022 (8am to 8pm)	Online on Code Tantra
Actual test on CodeTantra (<i>available only for those who took the mock test</i>)	Monday, May 02, 2022 (2pm to 4pm)	Online on Code Tantra
Shortlist of candidates	May 04, 2022 (6pm)	CMINDS , IITB website
Interview of shortlisted candidates	May 05 to May 12, 2022	Online (via Zoom/Webex/Teams etc.)
Interview results	As per COAP schedule https://coap.iitb.ac.in	COAP , CMINDS , IITB website

PhD Admissions Process

- All applicants meeting the eligibility criteria (see following link) (<https://www.iitb.ac.in/newacadhome/Revisedadvertisement2022.pdf>) in their respective categories are shortlisted for an **online admissions test** which will be conducted online on **Monday, May 02, 2022** using CodeTantra.
- All shortlisted applicants **MUST** take a mock test on **Apr 24, 2022**. Applicants can attempt the mock test anytime between **8am and 6pm** on April 24. This is mandatory for anyone to attend the final written test on May 02. **Absolutely no exceptions will be entertained in this regard.** Shortlisted applicants must be logged in by 8 am to ensure the proctoring environment is set up correctly.
- It is solely the applicant's responsibility to arrange for a **stable internet connection** and a **laptop/desktop** with a **working webcam, mic** and speakers from which the test can be taken. IIT Bombay takes no responsibility for any resources that applicants need for the online test/interview. Applicants will not be permitted to take the test on mobiles/smartphones.
- The test (mock and actual) will be administered via **CodeTantra**. Please read this [instructions document](#) to know about how to setup and take the test using

CodeTantra. It is the sole responsibility of the applicants to familiarize themselves with CodeTantra using the material provided.

5. The final online test will be held on **Monday, May 02, 2022 from 2 pm to 5 pm**. Candidates must be logged 30 minutes before the test begins (**by 1:30 pm**) to ensure the proctoring environment is set up correctly. All **logins will be disabled by 1.45 pm** and no excuses will be entertained.
6. [Here](#) is the syllabus for the online test. The test will be for **3 hours**, and will be of objective type. It will cover a wide range of foundational topics and area-specific topics. On the area-specific topics there will be enough choices, and therefore a candidate need not be proficient in all the PhD areas mentioned in the syllabus.
7. The test will consist of **two parts**. The **first part** of the test for **2 hours (2 pm-4pm)** will cover foundational topics common to both MS by Research and PhD candidates. This will be immediately followed by the **second part** of the test for **1 hour (4pm-5pm)**, and it will cover the common-core and domain-specific topics applicable **only for the PhD candidates**. This will allow candidates to take a single test for both programs (MS by Research and PhD). There will be separate short-lists for MS by Research and PhD applicants, and it is possible for candidates to be shortlisted in one but not the other.
8. There are a total of **8 TA (Teaching Assistantship) positions** available for the PhD program. Their allotment will be as per the following admission categories:

40.5 % GE (3), 10% EWS (1), 27% OBC (2), 15% SC (1), and 7.5% ST (1).

Additionally, there will also be seats in the **TAP** (Teaching Assistantship through projects) and **RAP** (Research Assistantship through Projects) categories. Details about the same will be made available at the time of admissions. Furthermore, **PhD fellowships** will also be available. Details of the same will be announced at the time of the interviews and also posted on the center's website (on the [admissions page](#)).
9. We will shortlist for the interview based on the online test score. Qualifying marks to be shortlisted for interviews is **30% of total marks**. Shortlist for interviews will be announced by **6pm on May 04, 2022**.
10. In addition to the above online test, the shortlisted candidates will be required to complete a "take-home" exam that will be announced on **May 4, 2022 (6 pm)**. The shortlisted candidates will have to submit their answers online by **6pm on May 5, 2022**.
11. The interviews will be conducted online during the period **May 06 to May 25, 2022**. Details of this (zoom/google meet etc) will be communicated to applicants by the CMINDS office. The results will be announced on the IITB [PhD admissions website](#) as per the institute's [schedule](#).

KEY EVENTS

EVENT	DATE / TIME	VENUE
Mock test for shortlisted (eligible) applicants on CodeTantra (mandatory)	Sunday, April 24, 2022 (8am to 8pm)	Online on Code Tantra
Actual test on CodeTantra (<i>available only for those who took the mock test</i>)	Monday, May 02, 2022 (2pm to 5pm)	Online on Code Tantra
Shortlist of candidates	May 04, 2022 (6pm)	CMINDS , IITB website
Posting of “Take-home” exam online	May 04, 2022 (6pm)	CMINDS website
Submission of Take-home exam solutions by shortlisted candidates	May 05, 2022 (6pm)	CMINDS website
Interview of shortlisted candidates	May 06 to May 25, 2022	Online (via Zoom/Webex/Teams)
Interview results	As per IITB schedule	IITB , CMINDS website

CONTACT DETAILS

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