Guide to Student Form
M.Tech Admission 2022 Department of Electrical Engineering IIT Bombay

M.Tech. Admissions 2022
Department of Electrical Engineering, IIT Bombay

Announcement:
Preliminary shortlisting completed. Candidates informed via e-mail.

General Information
- The portal for Institute RA / Project RA as well as candidates under ISIPS/SWIRIT B.Tech. categories.
- No common written test will be conducted. However, separate online tests might be conducted by specific labs.
- Interview (ONLINE only) schedule: 6th June 2022 for ISIPS/SWIRIT B.Tech. categories and 6th-10th June 2022 for Institute RA / Project RA categories.
- Candidates who have marked the "Accept & Freeze" option on COAP to confirm admission to ANY OTHER participating Institute are NOT eligible for an RA position at IIT Bombay.
- Please keep checking this page for the updates. For any queries contact us at raadmin@ee.iitb.ac.in

Available Positions (Lab and Projects)
- There are two types of RA positions: Institute RA who are associated with some of teaching labs and project RA who are associated with research projects. A detailed comparison is available here.
- For descriptions of all projects and lab positions click here
- Please note that candidates can opt for Machines Lab in the preference list only if their gate discipline is EE and they have applied for EE specialisation.

Admission Process
- Selection involves A) Preliminary shortlisting and B) Interviews (ONLINE only), as detailed below:

A. Preliminary shortlisting
- The list of candidates in the preliminary shortlist will be available here and shortlisting criteria will be here.
- An email will be sent by May 30 to all the candidates in the preliminary shortlist with appropriate instructions to fill the Preference Form (see below). Login using your Applicant ID. Registration number, Challan id and the Code (to be shared in the above-mentioned email). A detailed guide for filling the form will be available here.
- The form can be filled during May 23-27, 2022. Please note that you can submit the form any number of times. The last filled details in the form will be further considered.
- The deadline for filling the form is 27th May 2022. If you do not fill this form by the deadline, then you will not be considered further.
- Mozilla Firefox and Google Chrome are the recommended browsers to fill the form.

B. Interviews (ONLINE only)
- Based on the forms received, a subset of the candidates in the preliminary shortlist will be selected for the interviews (ONLINE only). The selection criteria will be available here.
- The list of selected candidates for interviews will be notified on May 30, 2022.
- Interview (ONLINE only) schedule: 6th June 2022 for ISIPS/SWIRIT B.Tech. categories and 6th-10th June 2022 for Institute RA / Project RA categories.
Please read the instructions received in email carefully before filling the form.

Note: If you are copying the credentials from the e-mail, make sure not to copy leading or trailing spaces.
Basic Information

- Make sure mobile number is accurate. Enter only 10 digits.

- Make sure you create a Gmail account if you don’t have one.
Academic Record and Project Details

- For Project abstract, enter your BTech Thesis Project or any other relevant project
- Any inaccuracies found will jeopardise your application
Other Projects and Publications

- Fill project details preferably related to your research interests.
- Describe what you have learnt new in the project different from your course work or how you have applied what you learnt in your course work.
- For Publications (if any) fill Title, authors, journal, vol, year.
Courses

- You are required to fill at least 1 course.
- The grade points section accepts only numeric values. Please convert your letter grades to equivalent numeric values as per your university norms before entering.
Affiliations

Most recent and Previous Affiliation

- Most recent affiliation (Organization/Institute) *
  
- Role *
  
- Duration *
  
  Start date (MM/DD/YYYY)  End date (MM/DD/YYYY)

Add Affiliation

- Current Affiliation is your Organization (like IITB)
- Role can be student, working in organization or college
- Enter Duration
- You can add 2 more previous affiliations
Lab and Project Preferences (Only for RA category candidate)

Choose lab and project wisely. You can give preference to labs and projects in any order you want.

- You can enter up to 7 preferences.
- You can choose up to 2 LABS.
- You can choose up to 5 PROJECTS.
- It is recommended to fill at least 1 lab and 1 project.
- For Descriptions of all positions click here
  - Please read the above document carefully for project and lab detail
- Note that unless you select a particular project/lab in the preference list, you will not be eligible to be selected for that position.

Preference 1

Please select one

+ Add Preference  Reset Preferences
Lab and Project Preferences (Only for RA category candidate)

- You can give up to 7 preferences.
- Filling more preferences gives you more chances to display your skills/interest in interview.
- Recommended to fill at least one lab and one project.

Project and Lab Preferences

- You can enter up to 7 preferences.
- You can choose up to 2 LABS.
- You can choose up to 5 PROJECTS.
- It is recommended to fill at least 1 lab and 1 project.

For Descriptions of all positions, click here
Please read the above document carefully for project and lab detail

- Note that unless you select a particular project/lab in the preference list, you will not be eligible to be selected for that position.

| Preference 1 | EE1 Codes for cloud storage |
| Preference 2 | Electronic Circuits Lab/WEL Lab |
| Preference 3 | EE1,EE5,EE6,EE7 Electro-chemical biosensors for water quality monitoring |
| Preference 4 | EE1,EE2,EE5,EE5 Architecting Intelligent Dependable Cyber Physical System Targeting K |
Lab and Project Preferences (Only for RA category candidate) (Not applicable to SW/IIT BTech/SW/IS category)

- If you have selected Electronic Circuits Lab (WEL Lab) as one of your preferences, you will see an extra section as shown.

### WEL Lab questions

For each topic listed below, rate your expertise on a scale of 1-5.

<table>
<thead>
<tr>
<th>Topic</th>
<th>1: no experience</th>
<th>2: theoretical familiarity, limited to curricular activities</th>
<th>3: hands-on familiarity, &lt; 6 months</th>
<th>4: hands-on familiarity, 6 months – 1 year</th>
<th>5: hands-on familiarity, &gt; 1 year</th>
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</thead>
<tbody>
<tr>
<td>Micro-controllers</td>
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<td>FPGA</td>
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<td>Sensors</td>
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<td>PCB design</td>
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<td>Robotics</td>
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<td>Test/design automation e.g.</td>
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<td>Labview</td>
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</tbody>
</table>

For topics where you have rated yourself either '4' or '5', please describe your expertise in no more than 300 words. (Please write 'not applicable' if you have not rated yourself '4' or '5' in any topic)
If you encounter a problem at this stage more than twice then contact raadmin@ee.iitb.ac.in