Ph.D Admissions 2022

Department of Electrical Engineering, IIT Bombay

Student Form

Click here for the live notice board for further updates.

Instructions

- This year, a screening test will be conducted in an in-person mode across several centers in India.
- Tentative date for Screening Test (in-person mode) is 4th May 2022.
- Please login using your Applicant ID. Registration number, Email-id and code sent in the mail.
- Please note that you can submit the form any number of times. The details last filled in the form would be considered.
- Please note that your SOP etc. should be written by you. IIT Bombay uses professional plagiarism detection software to check for copying.
- For any queries contact us at pndadmn@ee.iitb.ac.in
- Tentative dates for Main Interview (Online-mode) are 9th, 10th, 11th May 2022, more details will be communicated to the shortlisted candidates on 8th May 2022.
- Please keep checking this page for the updates in the above presented documents.
- If you do not fill this form by the deadline, then you will not be considered further.

Please provide the following information

Applicant ID / Sr. No. (Starts with PW)

Department Registration Number (Starts with REE)

Email ID

Passcode

Please enter text shown in image

Log in
Sign in, Basic details

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Please provide the following information

1. Name
2. Primary mobile number
3. Alternate mobile number
4.1 E-mail ID
4.2 G-mail ID

Please read the instructions in email before you begin

- Please make sure that this phone number is accurate. Primary, Alternate numbers should not be same.
- Please make sure that this E-mail ID is accurate.
- 4.1, 4.2 can be same if both are gmail
Any inaccuracies found will jeopardise your application

Contact prospective guides ASAP if you answer is “Yes”

- Only for those who has applied under SW/EX/PS/IS/CT/FA/SF
- This is a multiple-select dropdown. If you have contacted multiple prospective guides, please select all their names

Your statement of purpose need not be the same as filled in application form

Describe your research interests in detail and as best as you can within the word limit
- 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.
Publications & Relevant Courses

14. Publications, if any
Please list your published and accepted papers below. Please enter one paper in each textbox. For each paper, please give the authors, title, journal or conference name, volume (for journal papers), no. (for journal papers), page numbers, year, place (for conference papers).

14.1. Details of publication

<table>
<thead>
<tr>
<th>Publication 1 (1000 character)</th>
</tr>
</thead>
</table>

Add Publication

15. Ten most relevant courses/subjects you have studied
Enter at least 4 courses. You can also include fundamental courses which are useful for your research interest. Enter only numeric values in the "Grade Points/marks" and "Out of (Max grade points/marks)" fields.

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Grade Points/marks</th>
<th>Out of (Max grade points/marks)</th>
<th>YYYYY (Year of study)</th>
</tr>
</thead>
<tbody>
<tr>
<td>t1</td>
<td>8</td>
<td>10</td>
<td>2015</td>
</tr>
<tr>
<td>t2</td>
<td>8</td>
<td>10</td>
<td>2016</td>
</tr>
<tr>
<td>t3</td>
<td>9</td>
<td>10</td>
<td>2017</td>
</tr>
<tr>
<td>t4</td>
<td>9</td>
<td>10</td>
<td>2018</td>
</tr>
</tbody>
</table>

- You are required to fill at least 4 courses.
- Keep the information at hand.
You can choose only ONE broad area of research interest. (EE1 / EE2 / EE3/ EE5/ EE6/EE7)

- Please take a look at the EE website – research, projects and project details link provided
- Your preferences will help match you to a suitable interview panel
S.5 Preferences for Projects/Positions

* You can have up to a maximum of 8 preferences

- If you wish to be considered only for TA/RA position, you don't need to select any of the projects in the drop down menu.

For Descriptions of all positions and projects click here

Please read the document of abstracts carefully and then fill the preferences.

24.0 Note:
- Only the names of the projects which are active under TAP/RAP categories for your chosen specialization will be available in the drop down menu.
- Click on add preferences to select projects based on the specialization which you have chosen.

24.1 Preference 1
- (TA) Teaching Assistant

24.2 Preference 2
- Please select one

[Add Preference] [React Preferences]

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A document with description of all projects is available here

More details for TAP/RAP projects

<table>
<thead>
<tr>
<th>Project Title</th>
<th>Project Investigator</th>
<th>Desired Specialization</th>
<th>Abstract</th>
<th>Slides/Videos</th>
</tr>
</thead>
<tbody>
<tr>
<td>Next Generation Wireless Research and Standardization on 5G and Beyond</td>
<td>Prof. Gourav S. Kasthur</td>
<td>EE 1 (Communication &amp; Signal Processing)</td>
<td>While low frequency bands are crowded, a huge amount of free bandwidth is available in the mmWave bands (24 GHz to 300 GHz), and it is expected that these bands will be an important...</td>
<td>Read more</td>
</tr>
<tr>
<td>Leverage edge resources for service hosting</td>
<td>Prof. Shreyas Mane and Prof. N. K. Karmakar</td>
<td>EE 1 (Communication &amp; Signal Processing)</td>
<td>This work will focus on using edge computing for software as a Service (SaaS) applications.</td>
<td></td>
</tr>
<tr>
<td>Internet of malicious nodes</td>
<td>Prof. Dinesh Kumar Day</td>
<td>EE 1 (Communication &amp; Signal Processing)</td>
<td>In a network of wired or wireless nodes, some nodes may be infected with malicious software. These nodes then may try to jeopardize the communication between other nodes. When the identity of the malicious nodes is not known beforehand, it is possible to design communication schemes so that such misleading nodes can be identified and subsequently taken off the network. Is it possible for the other nodes to communicate even when such malicious nodes are present? Information theoretic techniques will be used to investigate such questions.</td>
<td></td>
</tr>
</tbody>
</table>
Select the Preferences

If you have originally applied under PS/CT/IS/SW/FA/SF then you cannot choose any TA or project position. No options will appear for you.

- If you originally applied under TA/RA categories, then suitable options will appear depending on your chosen specialization.
- You can click here to add more preferences (upto max 8) as long more positions are available.
Select the Preferences as per instructions

S.5 Preferences for Projects/Positions

* You can have up to a maximum of 8 preferences

- If you wish to be considered only for TA/RA position, you don’t need to select any of the projects in the drop down menu below.
- For Descriptions of all positions and projects click here.
- Please read the document of abstracts carefully and then fill in the preferences.

S.5.1 You have selected both TA/RA and SW/EX/PS/IS/CT/FA/SF in your application form. You are required to select one of these options. Please select below:

24.0 Important Notes:
- The TA/RA positions are more competitive than SW/EX/PS/IS/CT/FA/SF.
- Admission under SW/EX/PS/IS/CT/FA/SF is subject to verification of documentary proof of eligibility for the appropriate category.
- Number of TA/RA seats is limited and usually competitive. You will not be considered for option 2 (SW/EX/PS/IS/CT/FA/SF) later if you choose option 1 (TA/RA) now.
- If you are eligible for SW/EX/PS/IS/CT/FA/SF and you opt for option 1 (TA/RA) now, you are foregoing the possibility of admission under the category SW/EX/PS/IS/CT/FA/SF.

1) TA/RA
2) Project Staff (PS)/Institute Staff (IS)/College Teacher (CT)/Sponsored (SW)/External (EX)/Fellowship Award (FA)/Self Financed (SF)

24.0 Note:
- Only the names of the projects which are active under TAP/RAP categories for your chosen specialization will be available in the drop down menu.
- Click on add preferences to select projects based on the specialization which you have chosen.

Preference 1: Project Staff (PS)/College Teacher (CT)/Sponsored (SW)/External

Add Preference Reset Preferences

This will appear if you applied for both TA/RA and one of SW/EX/PS/IS/CT/FA in your original application.
Submit..!

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Your Response has been recorded. Thank You For submitting your response.

You will be Redirected in 2 seconds

- Upon successful submission of form you will receive a mail with a copy of your responses
- If you encounter a problem at this stage more than twice – contact phdadmin@ee.iitb.ac.in