• Please read instructions in email before you begin

Please make sure this phone # is accurate
Academic Record

Any inaccuracies found will jeopardise your application.

Contact prospective guides ASAP if you answer is “Yes”

• 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
This box will appear only if you select “Yes” in 18.1
• 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.
14. Publications, if any

Please list your published and accepted papers below. Please enter one paper in each text box. 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

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.

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Grade Points/Max Grade Points</th>
<th>YYYY (Year of study)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Course name</td>
<td>Grade points/Max grade points</td>
<td>YYYY (Year of study)</td>
</tr>
<tr>
<td>2. Course name</td>
<td>Grade points/Max grade points</td>
<td>YYYY (Year of study)</td>
</tr>
<tr>
<td>3. Course name</td>
<td>Grade points/Max grade points</td>
<td>YYYY (Year of study)</td>
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<tr>
<td>4. Course name</td>
<td>Grade points/Max grade points</td>
<td>YYYY (Year of study)</td>
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<td>5. Course name</td>
<td>Grade points/Max grade points</td>
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<td>6. Course name</td>
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<td>7. Course name</td>
<td>Grade points/Max grade points</td>
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<tr>
<td>9. Course name</td>
<td>Grade points/Max grade points</td>
<td>YYYY (Year of study)</td>
</tr>
<tr>
<td>10. Course name</td>
<td>Grade points/Max grade points</td>
<td>YYYY (Year of study)</td>
</tr>
</tbody>
</table>

- Title, authors, journal, vol, year
- You are required to fill at least 4 courses. Keep the information at hand.
Research Interest

- 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
Project positions

S.5 Preferences for Projects/Positions

* You can have a maximum of 8 preferences

- For Descriptions of all positions and projects click here
- Please read the document of abstracts carefully and then fill the preferences.

24.1 Preference 1

[Add/Reset Preferences]

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Ph.D Admissions 2020
Department of Electrical Engineering, IIT Bombay
Abstracts of Projects (only for TAP/RAP category)

<table>
<thead>
<tr>
<th>Project Title</th>
<th>Project Investigator</th>
<th>Desired Specialization</th>
<th>Abstract</th>
<th>Slides/Video</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modeling and simulation of ultra low power quantum devices</td>
<td>Prof. Bhaskaran Mukundhan</td>
<td>EE 7 (Solid State Devices)</td>
<td>The project will feature state of the art quantum device simulations featuring...</td>
<td>Read more</td>
</tr>
<tr>
<td>Novel Magnetic RAM device simulation</td>
<td>Prof. Bhaskaran Mukundhan</td>
<td>EE 7 (Solid State Devices)</td>
<td>This project will feature novel spin devices for MRAM and advanced probabilistic...</td>
<td>Read more</td>
</tr>
<tr>
<td>GaN based Power Electronic Converters</td>
<td>Prof. Sandeep Anand</td>
<td>EE 3 (Power Electronics &amp; Power Systems)</td>
<td>Power electronics converters play a very important role in renewable generation...</td>
<td>Read more</td>
</tr>
</tbody>
</table>

*This QF's website contains the full abstracts.
Select the Preferences

- If you have originally applied under PS/CT/IS/SW/FA 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.
Select the Preferences as per instructions

S.5 Preferences for Projects/Positions

* You can have up to a maximum of 8 preferences.
  - For Descriptions of all positions and projects click here.
  - Please read the document of abstracts carefully and then fill the preferences.

S.5.1 You have selected both TA/RA and SW/EX/PS/IS/CT/FA 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.
- Admission under SW/EX/PS/IS/CT/FA 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) later if you choose option 1 (TA/RA) now.
- If you are eligible for SW/EX/PS/IS/CT/FA and you opt for option 1 (TA/RA) now, you are foregoing the possibility of admission under the categories: SW/EX/PS/IS/CT/FA.

1. TA / RA
2. Project Staff (PS)/Institute Staff (IS)/College Teacher (CT)/Sponsored (SW)/External (EX)/CSR-UGC-NET/DST-Inspire-Fellowship (FA)

24.1 Preference 1

- This will appear if you applied for both TA/RA and one of SW/EX/PS/IS/CT/FA in your original application.
Ph.D Admissions 2020
Department of Electrical Engineering, IIT Bombay

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

You will be Redirected in 3 seconds

• If you encounter a problem at this stage more than twice – contact phdadmin@ee.iitb.ac.in