

Indian Institute of Technology Indore

Advertisement for Admission to Ph.D. Program in Electrical Engineering (EE) for Spring Semester of Academic Year (AY) 2020-21

IITI/Acad/PhD Admissions/20-21

October 21, 2020

IIT Indore invites applications from highly motivated and research-oriented students for admission to its PhD program in the Discipline of Electrical Engineering for the Spring Semester of Academic Year (AY) 2020-21 as per the below-mentioned categories of admission and time schedule. Categories of admission (for Indian and International applicants): Refer to the main PhD advertisement available at <https://academic.iiti.ac.in/phdadvt.php>

Time Schedule of PhD admission:

Last date of online application through https://academic.iiti.ac.in:8443/nregistration.jsp (for Indian applicants)	November 10, 2020 (Friday)
Date of online Interviews (for Indian applicants)	November 20- 21, 2020 (Friday to Saturday)
Last date of online application through https://academic.iiti.ac.in:8443/nregistration.jsp (for International applicants)	November 10, 2020 (Friday)
Date of online PhD selection process (for International applicants)	November 20- 21, 2020 (Friday to Saturday)

Minimum Educational Qualifications (MEQs) and Qualifying Examination

For Indian Applicants: Master's degree in Electrical Engineering with specialization in Power Electronics and Power Systems related area (with first division as defined by the awarding Institute/University) **AND** GATE qualification in EE

OR

Four-year Bachelor's degree **OR** five-year integrated degree in Electrical Engineering **OR** Electrical & Electronics Engineering (with first division as defined by the awarding Institute/University) **AND** GATE qualification in EE

For International Applicants:

MEQ: Master's degree in Electrical Engineering with specialization in Power Electronics and Power Systems related area (with first division as defined by the awarding Institute/University)

QE: Valid TOEFL **OR** equivalent qualification **OR** valid GATE qualification

Instructions:

- All eligible candidates, fulfilling the minimum eligibility criteria, must apply online through the website (<http://academic.iiti.ac.in:8080/nregistration.jsp>).
- After applying online, the applicants should take a print out of the application form and sign the same. The scanned copy of duly signed application form along with the following documents should be sent by email to admission-ee@iiti.ac.in
 - Self-attested photocopies and originals of all relevant supporting documents such as degree certificates, mark sheets, date of birth certificate, etc., from Xth class onwards. Candidates may also attach original and attested photo-copies of any other testimonials, documents or certificates that they wish to present before the selection committee
 - Soft copy of passport size photograph.
 - Receipt of fee (Rs.100/-) paid through SBI i-collect
 - Letters of recommendation duly signed by a minimum of **two referees** who have known the applicant in a professional capacity must also be sent directly to dpgcee@iiti.ac.in. The letters are mandatory for PhD selection process and should be addressed to Chairperson, PhD Selection Committee, Electrical Engineering, IIT Indore. **The format of the recommendation letter can be found along with this advertisement.**
- For SW candidates - No Objection Certificate, Experience Certificate, Salary slips of last three months and Employer's PAN card must also be sent by email.
- Important: DO NOT** send any form or documents by post.
- Only shortlisted candidates will be called for online interviews, and the same will be shared by email to respective candidates. No emails or communication, in any form, regarding shortlisted candidates, change of interview date, syllabus of written test and/or interview, etc. will be entertained.**
- Candidates who wish to appear for the PhD selection process and fulfill the eligibility criteria may also send their Resume/CV to the faculty member whose area is of interest to them. The areas of interest and detailed profile of faculty member is given below. Candidates are **strongly advised** to visit webpage of faculty member listed below to know about ongoing research work and areas of interest.
- Mere fulfillment of the minimum eligibility criterion does not entitle anyone for admission into the PhD program in EE.

Brief description about the research group/ research interests of faculties.



Dr. Trapti Jain

Dr. Trapti Jain's research group at IIT Indore works in various operational issues related to smart grid. Currently, the focus of our group is towards data analytics in smart grid, synchrophasor applications to power systems and microgrids. The applicants having strong background in machine learning as well as power systems would be preferred. The applicants should be highly motivated with an excellent academic record and good programming skills. For more details, please visit the following websites. URL. <https://people.iiti.ac.in/~traptij/>
Research Group: <https://poweriiti.weebly.com/>



Dr. Amod C Umarikar

The focus of our group is in the area of power electronics and power systems. Currently we are working on **High step up DC-DC converters for Renewable energy sources, Smart Grid and Distributed Generation, Standalone PV systems and power quality analysis**. Interested candidates should have a sound background in the area of power electronics and control systems and should have some basic hardware design skills. For more information please visit the website: <http://people.iiti.ac.in/~umarikar/> and <https://poweriiti.weebly.com/>