

Indian Institute of Technology Indore

Advertisement for Admission to Ph.D. Program in Electrical Engineering (EE) under Visvesvaraya PhD scheme and L&T Sponsorship scheme for Academic Year (AY) 2024-25

IITI/Acad/PhD Admissions/24-25

June 12, 2024

IIT Indore invites applications from highly motivated and research-oriented students for admission to its PhD program in the Department of Electrical Engineering for the Autumn Semester of Academic Year (AY) 2023-24 under **Visvesvaraya PhD scheme of Ministry of Electronics and Information Technology (MeitY) and L&T Sponsorship scheme.**

Time Schedule of PhD selection process:

Last date of online application through https://academic.iiti.ac.in:8443/nregistration.jsp (for Indian applicants)	July 03, 2024 (Wednesday) Latest by 23:59 hrs. IST
Notification to all the eligible candidates for Interview	July 04, 2024 (Thursday)
Dates of PhD selection process (Online Interviews with or without written test)	July 05, 2024 (Friday)

Minimum Educational Qualifications (MEQs) and Qualifying Examination

For Indian Applicants: Master's degree in Electrical/ Electronics/ Electronics & Communication / Physics / Instrumentation and Control Engineering / Material Science & Engineering / Mathematics or any other equivalent degree with specialization in the areas of **VLSI Design and Nanoelectronics (VDN) or Radio Frequency (RF) and Microwave or Optoelectronics/ Photonics or Power Systems** or any other relevant area (with first division as defined by the awarding Institute/University).

OR

Four-year Bachelor's degree OR five-year integrated degree in Electrical Engineering/ Electronics and Communication Engineering OR Electrical & Electronics Engineering/ Instrumentation & Control Engineering / Engineering Physics (with first division as defined by the awarding Institute/University).

Note: Candidates having GATE qualification in EE/EC/IN/PH subjects or UGC-NET-LS qualification or UGC/CSIR/DBT - JRF qualification or DST INSPIRE fellowship or Equivalent fellowship will be preferred for selection.

Financial Supports:

(1) Financial Support for Full-time PhD candidates under Visvesvaraya PhD Scheme:

Fellowship: As per MeitY Visvesvaraya Ph.D. Scheme.

Research Contingency Grant Support: As per MeitY Visvesvaraya Ph.D. Scheme.

(2) Financial Support for Full-time PhD candidates under L&T Sponsorship:

Fellowship: As per Ministry of Education, Government of India.

Important 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 signed application form along with the following documents should be sent by email to admission-ee@iiti.ac.in
 - Self-attested photocopies/scanned originals of all relevant supporting documents such as **degree certificates, mark sheets from 10th class onwards, date of birth certificate, fellowship award letter, GATE score card, UGC-NET Score card, etc., that they wish to present before the selection committee.**
 - Two recent passport size photographs.
 - 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, are mandatory for PhD selection process and must be sent directly to admission-ee@iiti.ac.in. **The format of the recommendation letter can be found along with this advertisement.**
- Important: DO NOT** send any form or documents by post.

4. Prospective candidates are strongly encouraged to submit online application before **23:59 Hours (IST) on July 03, 2024 (Wednesday)**. The interview call letter will be sent to all the eligible candidates by **July 04, 2024**.
5. **Online PhD interviews with or without online written test will be conducted on July 05, 2024 (Friday)**.
6. Mere fulfillment of the minimum eligibility criteria does not entitle anyone for admission into the PhD program in Department of Electrical Engineering.
7. The areas of interests and detailed profiles of faculty members having available vacancies under **Visvesvaraya PhD scheme and L&T Sponsorship scheme** are given below. Candidates are encouraged to visit webpage of those faculty members to know more about ongoing research work and areas of interest.



Prof. Mukesh Kumar

Prof. Mukesh Kumar is leading **Optoelectronic Nanodevice Research Laboratory** (Opto Nano Group). His research interests include **Optoelectronic Devices, VLSI Technology, Microwave Photonics, Nanoelectronics, Integrated Photonics and Device Fabrication**. He has supervised 11 PhD-scholars so far. He is a Fellow of Japan Society for Promotion of Science (JSPS) and the recipient of Scientific High Level Visiting Fellowship (SSHN) from French Institute, India. He is an Associate Editor of IEEE Photonics Journal. He is also serving as an adjunct-faculty at Purdue School of Engineering & Technology, IUPUI, USA. His research-group has ongoing-research-collaborations with leading-scientists in India, France, USA, Italy, South Korea, and Germany. He is looking for motivated and hard-working PhD-candidates with a background in **Electronics and related** areas. For further details, please visit <http://iiti.ac.in/people/~mukesh.kr>. Contact: mukesh.kr@iiti.ac.in



Dr. Saptarshi Ghosh

Dr. Saptarshi Ghosh is leading the research group in **Applied Electromagnetics Laboratory** at the Department of Electrical Engineering, IIT Indore, India. His areas of research interest include frequency selective surfaces, metamaterials, RIS, absorbers, antennas, and other microwave devices. Students from his laboratory have received numerous accolades and fellowships, including PMRF Fellow, Young Scientist Award, International Mobility Grant, IEEE AP-S Fellowship (UG, PG, PhD), DST Award, Best Paper Award, etc. For more information and recent publications, please visit his website <http://iiti.ac.in/people/~sghosh/>. Currently, he is looking for a motivated PhD candidate with a strong background in **RF and Microwave domain** under **Visvesvaraya PhD scheme**. Interested candidates can also reach out to him at sghosh@iiti.ac.in.



Prof. Trapti Jain

Prof. Trapti Jain's research group at IIT Indore works on various operational issues related to smart grid. She is currently looking for **PhD candidates under both Visvesvaraya PhD scheme and L&T sponsorship**. The applicants have to work on AI applications in power systems or cyber-attack detection in power grids. The applicants having a strong background in 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. Subhadeep Paladhi

Dr. Subhadeep Paladhi is leading the research in the area of **Power System Protection** in the Department of Electrical Engineering at IIT Indore, with a focus on the growing large-scale integration of converter-interfaced renewable energy sources in power systems. He is currently looking for highly motivated candidates interested in pursuing **PhD with L&T sponsorship**. Interested candidates with good academic records are encouraged to apply. For more details regarding his research interests, publications and other information, please visit his website: <https://sites.google.com/view/subhadeep-paladhi> and also may contact him through spaladhi@iiti.ac.in.

For any queries, please contact:

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