Indian Institute of Technology Indore
Ph. D. Admission
at
Centre for Advanced Electronics (CAE)

ONLINE APPLICATION STARTS ON: May 07, 2024

https://www.iiti.ac.in/   http://cae.iiti.ac.in/

About the Centre

Centre for Advanced Electronics (CAE) has been established at IIT Indore as an interdisciplinary research centre which aims to develop materials, devices & technologies for multidisciplinary applications including computing, medical, communication, and energy. The CAE has brought some of the academicians at IIT Indore, working in electronics and its allied areas, under one technical roof to enable high quality applied research for the benefit of mankind. We are honored to have on board some of the renowned academicians, in electronics and related areas, across the globe as our advisors. The CAE is committed to come up as a platform for applied research, device development, skill & manpower development in the nationally important area of electronics.

Categories of Admission

For Indian Students

FA / SW / DF / CT

For International Students

ISF / ISW / GSW (International Sponsored by Government organization)

For more detail, please visit
http://academic.iiti.ac.in/phdadvt.php.

Eligibility

Minimum Educational Qualification and Qualifying Examination

- Four-year Bachelors' degree OR five-year integrated degree OR Masters' degree in the Electronics / Electrical / Materials Science and Engineering / Nanotechnology / Energy Science and Engineering / Microelectronics / Mathematics / Statistics/ Instrumentation / VLSI Design / Embedded System / Optoelectronics / Laser Technology / Telecommunication / Engineering Physics / Physics / Chemistry/ Mechatronics / Microwave Engineering / Biotechnology / Instrumentation and Controls (with first division as defined by the awarding Institute/ University)

For more information, please visit http://academic.iiti.ac.in/phdadvt.php.

Research Areas

The Centre offers the following areas of research in this round of Ph.D. admission:

- Nanoelectronics
- Integrated Optoelectronics & Silicon Photonics
- Semiconductor Optoelectronics
- Biochemical Sensors
- Signal Processing
- VLSI Circuit and System Design

- Advanced Materials and Devices
- Photovoltaics
- Advanced Memory Technology
- Wireless & Optical Communication
- Theory and Computation
- Electronic Waste Utilization
- AI and Machine Learning

For more information, please visit faculty profiles.

Application Procedure

1. A candidate must apply ONLINE through the website (https://pgad.iiti.ac.in/). This will generate a unique application number for each applicant.
2. Application Fee: The details are available at https://academic.iiti.ac.in/phdadvt.php.
3. A shortlisted candidate must arrange recommendation letters from at least two referees with whom he/she has had academic interactions at least for a year.

❖ **Deadline for online form submission: May 27, 2024**

❖ **Deadline for receiving recommendation letters: May 27, 2024**

❖ **Dates of the written test and/or interview (in-person): June 5, 2024**

Address for Correspondence

Centre for Advanced Electronics (CAE), IIT Indore, Khandwa Road, Simrol, Indore - 453 552, M.P., India
Phone No: +91 731 660 3203
Email: http://cae.iiti.ac.in/

Important Information

1. All eligible candidates, fulfilling the minimum eligibility criteria, must apply ONLINE through the website (https://pgad.iiti.ac.in/).
2. After applying online, the applicants should take a printout of the application form and sign the same. The scanned copy of the duly signed application form, along with the following documents, should be sent by email to: cae-office@iiti.ac.in latest by 27 May 2024.
A. Self-attested photocopies of all relevant supporting documents such as degree certificates, mark sheets, date of birth certificate, etc., from Xth class onwards. Candidates may also attach attested photocopies of any other testimonials, documents, or certificates that they wish to present before the selection committee.
B. Soft copy of the passport-size photograph.
C. Receipt of fee (Rs.100/-) paid through SBI i-collect.
D. Candidates should arrange for two referees to send the reference letter directly to cae-office@iiti.ac.in latest by 27 May 2024.
3. For SW candidates: Scanned copy of the No Objection Certificate (NOC), Experience Certificate, Salary slips of the last three months, and Employer's PAN card must also be sent by email.
4. DO NOT send any form or documents by post.
5. Only shortlisted candidates will be called for online interviews, and the same will be notified by email. 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.
6. Candidates are strongly advised to visit the faculty member's webpage to know about ongoing research work and areas of interest.
7. Mere fulfillment of the minimum eligibility criterion does not entitle anyone to admission into the Ph.D. program in CAE.