

Indian Institute of Technology Indore

Simrol, Khandwa Road, Indore - 453552

Department of Computer Science & Engineering

Advertisement for Admission to Ph.D. Program for the Academic Year 2024-2025

IITI/Acad/PhD Admissions/Adv/CSE/2024-25/01/02

August 28, 2024

IIT Indore is an eminent institute of higher education and research in India. The Department of CSE, IIT Indore, invites applications from highly motivated and research-oriented students for admission to its **PhD Program for the Academic Year 2024-2025** under **FA Category**. Candidates are strongly advised to visit the profiles of the faculty members at <http://cse.iiti.ac.in/faculty.php> before applying for the PhD Program.

Minimum Eligibility Criteria: Masters' degree (M.Tech./M.E.) in CSE (or related sub-discipline), IT, Electronics, Electrical Engineering/ Technology, or related areas (with first division as defined by the awarding Institute/ University)

OR

M.Sc. degree in Mathematics (with first division as defined by the awarding Institute/ University)

OR

Four-year Bachelor's degree OR five-year integrated degree in CSE, IT, Electronics, Electrical Engineering/ Technology, or related areas (with first division as defined by the awarding Institute/ University)

with one of the following:

- UGC/CSIR-JRF qualification
- A valid GATE qualification in Computer Science and Information Technology (or related sub-areas) OR UGC-NET-LS qualification (Only for applicants who have contacted IIT-Indore faculty members for project JRF position or already working as project JRF).

Time Schedule of PhD admission test and interview:

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| Last date of Online Application through http://academic.iiti.ac.in:8080/nregistration.jsp (for both Indian and International Applicants) and sending by email to admission-cse@iiti.ac.in . Read the mandatory steps below. | Sept 16, 2024 |
| Last date of receiving recommendations of two referees (to be sent by referees to admission-cse@iiti.ac.in) (for both Indian and International Applicants). Read the mandatory steps below. | Sep 20, 2024 |
| Date of Written Test and Interview (both Indian and International Applicants) | Sept 27, 2024 |

Interview Schedule & Mode

Written test and interview round for the PhD admission will be conducted on **Sept 27, 2024**, in the **Department of CSE, IIT Indore**. The interview process, if required, can also be held on **Sept 28, 2024**. Candidates are required to attend the selection process in person, both, written test and interview. No TA/DA shall be provided to participate in the selection process. **For more details and the latest updates, candidates are advised to regularly visit <http://cse.iiti.ac.in/>.**

Research Areas (but not limited to)

- **Computer Networks:** Networking, Network Security, Network Management, Wireless Sensor Networks.
- **Software Engineering:** Software Testing, Service-Oriented Systems.
- **Machine Learning and Applications:** ML Algorithms, Deep Learning, Computer Vision, Image Processing, Pattern Recognition.
- **Artificial Intelligence:** Soft-computing, Computational Intelligence, Data Mining, Big Data.
- **Hardware Security:** Design of Cryptographic Accelerators, Side-Channel Analysis, Logic Synthesis for Security.
- **Algorithms and Theoretical Computer Science:** Numerical Methods, Game Theory, Optimization, Algorithmic Graph Theory, Computational Complexity.
- **Cyber-physical Systems:** Embedded Systems, Formal Verification, RTOS/RTK, Certification framework for Safety Assurance in Autonomous Vehicles.
- **Information Retrieval:** Natural Language Processing and Social Network Analysis, Network Science.

Application Fee:

- **Indian Applicants:** 100/- Indian Rupees (non-refundable) to be paid through online mode.
- **International Applicants:** US \$30 (non-refundable) through SWIFT payment transfer mode.

Application Procedure (Mandatory Steps):

- Candidates must apply ONLINE through our website (<http://academic.iiti.ac.in:8080/nregistration.jsp>). This will generate a unique application number for each applicant.
- Applications along with supporting documents (10th marksheet, 12th marksheet, BTech degree mark sheets and certificate, GATE score card, Master's degree marksheets and certificate, Caste Certificate, if applicable and all other relevant certificates **in the mentioned order**) must be to the email address admission-cse@iiti.ac.in before the above-mentioned date with the **subject line, "Application for PhD Admission in Autumn Semester AY 2024-2025"**.
- **The supporting documents must be merged into a single pdf file** before sending the email.
- Candidates must bring the PDF of the application form along with the scanned copies of the fee payment receipt, and self-attested copies of supporting documents (10th marksheet, 12th marksheet, BTech degree mark-sheets and certificate, GATE score card, Master's degree marksheets and certificate, Caste Certificate, if applicable and all other relevant certificates) **in the mentioned order** at the time of selection process.
- There is **no requirement of sending hard copies of the application form and supporting documents through POST or COURIER**.
- Letters of recommendation (LoR) must be sent by referees to the email address admission-cse@iiti.ac.in with the **subject line, "LoR for PhD Admission in Autumn Semester AY 2024-2025"**. Template of LoR is available at <https://academic.iiti.ac.in/phdadvt.php>.
- **For further details and rules, eligible candidates in FA category may refer to <http://academic.iiti.ac.in/phdadvt.php>.**

Important Points to Note:

■ Only shortlisted candidates will be called for the **written test and/or interview**, and the same will be notified through 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.

■ Mere fulfillment of the minimum eligibility criteria does not entitle anyone for admission into the PhD program in the Department of CSE.

For any further queries, please contact:

PhD Admission Cell,
Indian Institute of Technology Indore,
Indore-453552, Indore, Madhya Pradesh, India.
Email: phdadmission@iiti.ac.in.

For queries specific to the Department of CSE, IIT Indore, emails can be sent to admission-cse@iiti.ac.in

