

Indian Institute of Technology Indore

Simrol, Khandwa Road, Indore – 453552

Department of Computer Science & Engineering

Advertisement for Admission to Ph.D. Program in **TA Category in Online Mode** for the Academic Year 2022-2023

IITI/Acad/PhD Admissions/Adv/CSE/2022-23/01/02

June 22, 2022

IIT Indore is an eminent institute of higher education and research in India. The Discipline of CSE, IIT Indore invites applications from highly motivated and research-oriented students for admission to its **PhD Program for the Academic Year 2022-2023** as per the below-mentioned categories of admission, research areas, and time schedule. 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.

Categories of Admission: TA only. Kindly refer to the main PhD Advertisement of the Institute available at <http://academic.iiti.ac.in/phdadvt.php> for more details.

Minimum Eligibility Criteria: The Minimum Educational Qualification (MEQ) and Qualifying Examination (QE) for the TA categories are:

M.E./M.Tech./MS (Research) in CSE, IT, Electronics, and Electrical Engineering (with first division as defined by the awarding Institute/ University) AND GATE qualification in Computer Science and Information Technology only.

OR

Four-year B.E./B.Tech./B.S. degree OR five-year integrated degree in CSE, IT, Electronics, and Electrical Engineering (with first division as defined by the awarding Institute/ University) AND valid GATE qualification in Computer Science and Information Technology only.

Time Schedule of PhD admission test and interview:

Last date of Online Application through http://academic.iiti.ac.in:8080/nregistration.jsp (for both Indian and International Applicants)	July 6, 2022 (Wednesday)
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)	July 6, 2022 (Wednesday)
Date of Online Written Test and/or Interview (both Indian and International Applicants)	July 08, 2022 (Friday)

Interview Schedule & Mode

Written test and interview round for the PhD admission would be conducted on **July 08, 2022, in the Department of CSE**. The interview process, if required, can also be held on **July 09, 2022**. Candidates are required to attend the selection process both, written test and interview. **The selection process will be done in online mode.** No TA/DA shall be provided to participate in the selection process. **For more details and latest updates, candidates are advised to regularly visit <http://cse.iiti.ac.in/>.**

Research Areas

- **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:** Numerical Methods, Game Theory, Optimization, Algorithmic Graph Theory, Computational Complexity.
- **CyberPhysical 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. Kindly refer to the main PhD Advertisement of the Institute at <http://academic.iiti.ac.in/phdadvt.php> for more details about the payment procedure and course fee structure.

Application Procedure:

- 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.
- Applicants must send a single PDF containing the scanned copy of duly signed application form along with the scanned copies of the fee payment receipt, and self-attested copies of supporting documents (10th marksheet, 12th marksheet, B.E./BTech degree mark sheets and certificate, GATE score card, M.E./MTech/MS(Research) degree marksheets and certificate, Caste Certificate, if applicable and all other relevant certificates) in the mentioned order to admission-cse@iiti.ac.in latest by **July 6, 2022 (Wednesday)**. The subject line of the email must contain the applicant's name and the application reference number. Incomplete applications shall not be considered for further processing.
- Candidates must keep the original documents ready 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 duly signed along with seal by a minimum of two referees, who have known the applicant in a professional capacity, are **mandatory for the PhD selection process. Letters of recommendation (LoR) must be sent by referees to**

admission-cse@iiti.ac.in latest by **July 6, 2022 (Wednesday)**. The subject line of the email from the referee must contain **the candidate's name** and **candidate's application reference number**. Templates of LoR are available at <https://academic.iiti.ac.in/phdadvt.php>. Non-receiving of LoR may lead to the rejection of the applications.

- For further details and rules, eligible candidates in TA category may refer to <http://academic.iiti.ac.in/phdadvt.php>.

Important Points to Note:

- **FA/DF/IS/CT/SW Category candidates should not apply in this round of selection process.**
- Only shortlisted candidates will be called for **written test and/or interview**, and the same will be notified by email. No emails or communication, in any form, regarding shortlisting process, change of interview date, syllabus of written test and/or interview, etc. will be entertained.
- Mere fulfillment of the minimum eligibility criterion at any stage does not entitle anyone for admission into the PhD program in the Department of CSE.

<p>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.</p>	<p>For queries specific to the Discipline, emails can be sent to admission-cse@iiti.ac.in</p>
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