



Indian Institute of Technology Indore
Simrol, Khandwa Road, Indore 453 552
Department of Computer Science and Engineering

IIT Indore

Date: 22nd November 2023

**Advertisement for Admission to Ph.D. Program in Computer Science and Engineering
(CSE) under Visvesvaraya PhD Scheme**

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

Time Schedule of Interview Process:

Last date of online application through https://academic.iiti.ac.in:8443/nregistration.jsp (for Indian applicants)	29 November, 2023 (Wednesday) Latest by 17.00 hrs. IST
Dates of PhD selection process (online written test and/or online interviews)	30 November, 2023 (Thursday)

Minimum Educational Qualifications (MEQs) and Qualifying Examination

Master's degree (preferably M. Tech) in Computer Science/Electrical/ Electronics/ Electronics & Communication/ Computer Technology with specialization in the areas of **Natural Language Processing, Machine Learning, Deep Learning, Computer Vision** or any other relevant area with first division as defined by the awarding institute/university preferably with GATE qualification in CS/EE/EC.

OR

Four-year Bachelor's degree OR five-year integrated degree in Computer Science/Electrical Engineering/ Electronics and Communication Engineering OR Electrical & Electronics Engineering (with first division as defined by the awarding Institute/University) AND valid GATE qualification in CS/EE/EC only.

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

Fellowship: Rs. 38,750 per month in 1st & 2nd year and Rs. 43,750 per month in 3rd, 4th, and 5th year of PhD (support till PhD completion or 5 years whichever is earlier).

Research Contingency Grant Support: An amount of Rs. 1,20,000 per year for support duration of PhD candidate.



Indian Institute of Technology Indore
Simrol, Khandwa Road, Indore 453 552
Department of Computer Science and Engineering

IIT Indore

Instructions:

1. All interested candidates, fulfilling the minimum eligibility criteria, must apply online through the website (<http://academic.iiti.ac.in:8080/nregistration.jsp>).
2. 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-cse@iiti.ac.in
 - a. Self-attested photocopies/scanned originals of all relevant supporting documents such as degree certificates, mark sheets from 10th class onwards, date of birth certificate, **GATE score card**, **fellowship award letter**, etc., that they wish to present before the selection committee.
 - b. Two recent passport size photographs.
 - c. Receipt of fee (Rs.100/-) paid through SBI i-collect.
 - d. 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-cse@iiti.ac.in
The format of the recommendation letter can be found along with this advertisement or using this link: <https://bit.ly/3Fs161p>
3. **Important: DO NOT** send any form or documents by post.
4. **Online PhD written test and/or online interviews** shall be conducted on **November 30, 2023 (Thursday)**. Only shortlisted candidates will be called for online written test and/or online interviews, and the same will be shared by email to respective candidates on 29 November 2023, 19.00 hrs. No emails or communication, in any form, regarding shortlisting process, change of interview date, syllabus of interview, etc. will be entertained.
5. The areas of interest and detailed profile of faculty member is given below.
6. Mere fulfillment of the minimum eligibility criteria does not entitle anyone for admission into the PhD program in Department of Computer Science and Engineering.

Faculty Profile:



Dr. Nagendra Kumar is an Assistant Professor in the Department of Computer Science and Engineering (CSE) at Indian Institute of Technology Indore, India. Prior to joining IIT Indore, he was a scientist at Institute for Infocomm Research (I2R), Agency for Science, Technology and Research (A*STAR), Singapore. Dr. Nagendra works in the areas of Natural Language Processing, Deep Learning, Machine Learning, Computer Vision, Social Network Analysis, and Data Mining. He has published research papers in several reputed journals and conferences. Currently, he is looking for a PhD candidate under Visvesvaraya PhD scheme in Natural Language Processing, Machine Learning and Deep Learning related areas with good programming knowledge in Python. Interested candidates who are having background in Machine Learning as well as good in programing are encouraged to apply. For more details, refer to <https://sites.google.com/view/nagendrak/>



Dr. Puneet Gupta is currently working as an Associate Professor in the Department of Computer Science and Engineering (CSE), Indian Institute of Technology Indore. Prior to that, he was a post-doctoral researcher at Tampere University, Finland, where he worked to make deep learning (DL) architectures more secure and reliable. Before that, he was a member of the Machine Vision group in Embedded Methods and Robotics, TCS Research and Innovation. He received his doctoral degree from the Department of CSE, Indian Institute of Technology Kanpur, India, in 2016. He has worked on fusing multiple biometric traits for authentication, analyzing facial expressions using DL, measuring the human-vital parameters using non-contact videos, cross-modal learning, and fortifying DL architectures using adversarial defenses. These are indispensable in security, affective computing, and health care. He has published several papers in reputed venues, including IEEE-TGRS, IEEE-TAC, IEEE-TIE, Computers in Biology and Medicine, ICCV, WACV, and EMBC. For more details, refer to: <https://www.iiti.ac.in/people/~puneet/index.html>