

INDIAN INSTITUTE OF TECHNOLOGY ROPAR
Department of Computer Science and Engineering
ADMISSIONS-2025



Information Brochure
Ph.D. Admissions 2025-26
JAN, 2026

About the Department:

Since its establishment in 2008, the CSE department (<https://cse.iitrpr.ac.in>), IIT Ropar (<https://www.iitrpr.ac.in/>), has evolved into a welcoming community for scholars and faculty members alike. Currently, the department boasts a team of 23 dedicated faculty members and a vibrant cohort of over 80 PhD students. The department's research expertise spans across theoretical computer science, artificial intelligence, and computer systems.

While navigating the dynamic landscape of computer science, the department remains committed to exploration and innovation. Collaborative partnerships with academia, industry, and government agencies are instrumental in fostering progress and impact. Together, the department engages in projects of national significance, driving technological advancement and societal progress.

Research Areas:

Department faculty are involved in various state-of-the-art research and development activities spanning various areas in Computer Science and Engineering, listed below:

- **AI/ML:**
 - Information Retrieval, Speech and Natural Language Processing, Learning with Graphs, Reinforcement Learning, Game Theory and Mechanism Design, Image Processing, Computer Vision, Medical Image Computing, Large Language Models, Multimedia systems, Computer Vision, Medical image processing, Natural Language processing, Education technology
- **Computing Systems:**
 - Computer Networks, Operating Systems, Computer Architecture, Compilers and Programming Languages, Database Systems, Distributed Systems/Computing, Network and Information Security, Embedded Systems, Wireless Networks and Sensors, Software Engineering, System Dynamics, Technology for Social Development, IoT, Systems for AI/ML, Databases, Cloud computing, Quantum computing, Intrusion Detection Systems, Malware Analysis and Cyber-Security, Blockchain technology, Education technology, Applied Cryptography
- **Theory:**
 - Algorithms and Complexity Theory, Cryptography, Combinatorics, Graph Theory, Geometry, Formal Methods and Verification, Logic and Automata Theory, Approximation Algorithms, quantum computing, Social network analysis

January 2025 ADMISSIONS (ACADEMIC YEAR 2025-26)

Applications are called from the candidates for January 2025 admissions (Academic Year 2024-25) for admission to PhD program.

Last Date of Receipt of Online Applications: 4th November, 2025 5:30PM IST

Guidelines to submit the application

1. Please visit the link : [APPLICATION FORM](#)
2. Submit the application ONLINE. After filling the form, take a print of your application and keep the same for your record. Print copy of the application is not required to be submitted.
3. Application Fee:
 - a. Women candidates & SC/ST/PwD category candidates : Rs. 100/-
 - b. All other candidates : Rs. 200/-
4. The fee is to be paid by SB Collect (Online Payment System). Applications without online payment details will not be considered. Fees payment method is as follows:
 - a. Go to onlinesbi.com
 - b. Select SB Collect
 - c. Tick the terms and conditions and continue
 - d. Select state- Punjab
 - e. Select educational institute- IIT Ropar (Type I I T Ropar after giving space in each letter of IIT).
 - f. Select the option for payment category
 - g. Select the option- Application Fees for PhD admission
 - h. Pay the requisite fee.
5. Application fee is NON-REFUNDABLE.
6. The OBC (Non-Creamy Layer) certificate and Income & Assets certificate [for EWS category] issued within the past one year at the time of admission, in the prescribed format must be uploaded in the ONLINE application and submitted at the time of interview/admission.
7. Please check the Department admission website (link to be updated) regularly for important announcements and the department website for shortlisting updates and results.
8. The candidates called for a written test/interview should bring with them a printed copy of the application submitted online, along with original and photocopies of relevant certificates/documents uploaded in the online form.
9. Incomplete applications will be rejected.
10. Applicants must submit a legible copy of the documents.

Minimum Eligibility Criteria:

Sr. No.	Qualifying Degree	Minimum Performance in Qualifying Degree for General/OBC (Non-Creamy Layer)/EWS Category Candidates	Minimum Performance in Qualifying Degree for SC/ST/PwD category Candidates	Qualification Through National Level Examination Requirements
1.	M.Tech./M.E./M.D. or equivalent	60% marks or 6.00 CGPA on a 10-point scale	55% marks or 5.5 CGPA on a 10-point scale	Nil
2.	M.Sc/MBA/M.A/M.B. B.S. or equivalent	60% marks or 6.00 CGPA on a 10-point scale	55% marks or 5.5 CGPA on a 10-point scale	Qualified GATE/CSIR/UGC-NET/DST-INSPIRE/JEST/NBHM or other national fellowship
3.	B.E./B.Tech. or equivalent four years program	60% marks or 6.00 CGPA on a 10-point scale	55% marks or 5.5 CGPA on a 10-point scale	Qualified GATE/CSIR/UGC-NET/DST-INSPIRE/JEST/NBHM or other national fellowship

Exemptions:

Requirement of qualification in GATE / National level Exam is waived off for the following categories of applicants. Candidates from Centrally Funded Technical Institutes (CFTIs, list is available here: <https://www.education.gov.in/en/technical-education-1>) completed B.Tech./B.E./ Integrated M.Tech./ Integrated M.Sc. programmes (or any other programme of minimum four year duration, admission to which is on the basis of JEE), must obtain a CGPA of 7.5 or above (on a 10 point scale) at the time of graduation, and before they formally register for Ph.D. programme (75% aggregate marks, if marks is the primary mode of evaluation).

Selection Procedure:

Eligible candidates possessing the minimum educational qualifications listed above & eligible degree and satisfying additional and stiffer criteria set by the department, will be called for a “test and interview” by the Selection Committee. The test and interview dates are **24-26 Nov 2025** at S Ramanujan Block, IIT Ropar. Candidates are required to attend the selection process in-person.

Admission Procedure:

Admission is offered on the basis of an interview held usually a month before the commencement of the semester for which admission is sought. Merely satisfying the general eligibility criterion as well as criterion set for each admission category is no guarantee for being called for test/interview. Depending on the number of applications received and considering the constraints of time and other resources for

conducting Written Test and Interview, the Academic Units may put additional academic performance based shortlisting criteria.

Reservation of Seats:

Reservations are applicable to SC/ST/OBC-NCL/EWS/Persons with Disability (PwD) candidates as per Govt. of India rules.

For more information on various PhD categories, please visit: https://cse.iitrpr.ac.in/?page_id=85

Contact us:

Dept. Office: Email: office-cse-1@iitrpr.ac.in, Phone: 01881-232152

CSE PhD admissions committee: csephdcommittee@iitrpr.ac.in