



# भारतीय प्रौद्योगिकी संस्थान रोपड़

## INDIAN INSTITUTE OF TECHNOLOGY ROPAR

रूपनगर, पंजाब-140001 / Rupnagar, Punjab-140001

### Advertisement No. IITRPR/FACRECT/03/2025

Indian Institute of Technology Ropar invites applications from qualified and motivated candidates for the posts of Assistant Professor Grade-I/II, Associate Professor and Professor in the following academic School / Department:

- School of Artificial Intelligence and Data Engineering (sAIDE) [candidates having an outstanding record of research in the fields of Artificial Intelligence (AI) and Machine Learning (ML)]
- Department of Biomedical Engineering

For Assistant Professor position, applicants will be considered for either Grade-I or Grade-II depending on the eligibility and suitability. The applications shall be screened by the concerned department and the shortlisted candidates shall be asked to appear for a Teaching / Research seminar at IIT Ropar. The recommended candidates shall be subsequently invited for an interview at IIT Ropar.

**Reservations:** As per Government of India norms.

#### Qualified persons include:

- (a) Indian Nationals;
- (b) Foreign Nationals, who are Persons of Indian Origin (PIO) or Overseas Citizen of India (OCI), in whose case if selected, permission will be sought from the Government of India before he/she can join the institute;
- (c) Other Foreign Nationals in whose case if selected, an appointment will be made on a contract basis upto 5 years subject to the grant of permission from the Government of India before he/she can join the institute.

#### **EDUCATIONAL QUALIFICATION:**

Ph.D. with first class or equivalent at the preceding degree in the appropriate branch with a very good academic record throughout.

School of Artificial Intelligence and Data Engineering (sAIDE)	Department of Biomedical Engineering
Applicants must have a strong academic background, with a B.Tech. degree in CSE, EE, ECE, Maths and computing, B.Sc./M.Sc. Computer Science, and AI and ML/Data Science be preferred and a Ph.D. in AI/ML. A proven track record of significant contributions to AI, its applications, or interdisciplinary research in AI is essential. Candidates should also demonstrate a robust portfolio of research, including publications in high-impact journals, presentations at top-tier conferences (A* and A), patents, and other scholarly achievements.	An engineering graduate with a Ph.D. in Biomedical Engineering or allied disciplines, and expertise in the following areas: Biomechanics (fluid, soft tissue, hard tissue), Medical Devices (electrical / electronic, imaging systems, implants), Bioinformatics or Computational Bioengineering. Candidates are expected to demonstrate an ability to conduct multidisciplinary biomedical research, establish clinical or industry collaborations, and have a strong desire to make an impact on the healthcare landscape of the country through innovation.

## **EXPERIENCE REQUIREMENTS:**

### **Assistant Professor Grade-I**

A minimum of three years post Ph.D. teaching / research / professional experience, excluding the experience gained while pursuing Ph.D. Candidate should have demonstrated research capabilities in terms of publications in reputed journals and conferences.

Scale of Pay: Pay Level 12 (Rs. 101500-167400) with a basic pay of Rs.1,01,500/- per month. On completion of 3 years of service as Assistant Professor Grade I with Academic Level 12, would be eligible for movement to Academic Level 13A1 (Rs. 131400-204700) with a basic pay of Rs.1,31,400/- per month subject to satisfactory performance and on the recommendations of an Assessment Committee.

### **Assistant Professor Grade II**

Candidates satisfying all criteria other than the post PhD experience criteria for Assistant Professor Grade I, may be appointed as Assistant Professor Grade II with appropriate pay based on post-doctoral experience. At the entry level they may be placed in Academic Level 10 (Rs.57700-98200) with basic pay of Rs.70900/- per month and shall move to Academic Level 11 after completion of 1 year post Ph.D. experience (basic pay of Rs.84800/- per month) and 2 years (basic pay of Rs. 87300/-per month). On completion of minimum experience requirement and satisfactory performance in teaching and research and on the recommendations of an Assessment Committee, they may be moved to Assistant Professor Grade-I in Academic Level 12.

### **Associate Professor:**

A minimum of 6 years of Teaching / Research / Industrial experience of which at least 3 years should be at the level of Assistant Professor in IITs, IISc Bangalore, IIMs, NITIE Mumbai and IISERs or at an equivalent level in any such other Indian or foreign institution(s) of comparable standards as may be so decided by the Institute. The candidate should have demonstrated leadership in research in a specific area of specialization in terms of guidance of Ph.D. students, strong record of publications in reputed journals and conferences, patents, technology transfer, laboratory / course development, and / or other recognized relevant professional activities.

Scale of Pay: Pay Level 13A2 (Rs. 139600-211300) with a basic pay of Rs. 139600/- per month.

### **Professor**

A minimum of 10 years of Teaching / Research / Industrial experience of which at least 4 years should be at the level of Associate Professors in IITs, IISc Bangalore, IIMs, NITIE Mumbai and IISERs or at an equivalent level in any such other Indian or foreign institution(s) of comparable standards as may be so decided by the Institute. The candidate should have demonstrated leadership in research in a specific area of specialization in terms of guidance of Ph.D. students, strong record of publications in reputed journals and conferences, patents, laboratory / course development and / or other recognized relevant professional activities.

Scale of Pay: Pay Level 14A (Rs.159100-220200) with a basic pay of Rs. 159100/- per month.

The application must be completed with full details of educational qualifications including year of obtaining Ph.D., date of defense and a detailed CV providing a list of publications (with reprints of the best papers), teaching / research / industrial experience, date of birth alongwith the names and contact details of three referees.

Candidates possessing the requisite qualifications and experience may check the area of specialization and apply online by clicking on the link <https://www.iitrpr.ac.in/jobs/faculty-positions>

**Important Note:** Outstanding candidates from specializations other than those advertised may also be considered.

### **Know about IIT Ropar**

Indian Institute of Technology Ropar, an Institute of national importance, is one of the eight IITs set up by the Government of India, Ministry of Education (earlier Ministry of Human Resource Development), in 2008. Located about 40 km (NW) from Chandigarh, IIT Ropar is operating from permanent campus in Birla Farm, Ropar. The campus of the institute spread over about 500 acres of land in the vicinity of River Sutlej and bestowed with 5 Star rating under GRIHA LD. IIT Ropar provides an exciting academic environment and is close to premier educational and research institutes such as PGIMER (Chandigarh), IISER (Mohali), IMTECH, CSIO, SCL, NIPER, Panjab University. Within its short span of existence, IIT Ropar has emerged as the leader in quality of research publications amongst the 2<sup>nd</sup> generation eight IITs. It has been ranked 22<sup>nd</sup> amongst the Engineering Institutes of India, in NIRF Ranking 2024 released by MoE. Historically, Ropar city was a part of the Indus valley civilization and it provides a unique experience to the quality of life due to ever supporting nature of people of Punjab.

Who would not like to be a part of the rich culture of Punjab and contribute to its success story when liberal pay and perks are on offer!

### **GENERAL INFORMATION:**

- Applications by e-mail or hard copy will not be considered. Copies of certificates should be uploaded in PDF form along with the application.
- Mere fulfillment of the above mentioned qualifications and experience does not entitle a candidate to be called for an interview.
- Candidates should submit their valid SC/ST/OBC/EWS/Disability certificate issued by the competent authority in the prescribed format along with the application form in support of their claim. (if applicable)
- The valid OBC Non Creamy Layer (OBC-NCL) certificate should be as per the prescribed format of Government of India issued by appropriate authority. (if applicable)
- The Institute reserves the right to fill or not to fill positions in any of the specialization(s).
- The candidate should fill separate applications if he/she is interested in applying to more than one department/position.
- Recruitment would be based on the need in a given area within the department.
- For a regular faculty position, the candidate must present himself/herself personally at least once; either for research-cum-teaching seminar or for the interview.

### **OTHER SUPPORTS FOR PROFESSIONAL ADVANCEMENT OF FACULTY:**

- **Medical Coverage:** Members of the faculty and their dependent family members, may use facilities and services available in its on-campus dispensary. In addition to the Medical Care facilities provided in the institute dispensary, the patients whenever required are referred to other dispensaries and empanelled hospitals in and around Ropar / Chandigarh / Mohali. The expenses incurred on such treatment are reimbursed as per CGHS rates.
- **Leave Travel Concession:** As with other Government employees, members of the faculty are entitled to "Leave Travel Concession", wherein the institute underwrites the travel expense to one's Home Town every year for the first eight years of service as per Govt. of India LTC rules. This travel support is provided to all dependent family members as well.

- **Relocation Expenses:** The Institute will reimburse expenses incurred by a faculty to travel to join IIT Ropar from the place of duty/residence to IIT Ropar and back by the shortest route. Reimbursement of expenses (digital payment only) incurred on travel by him / her and for the dependent family members and for transportation of household goods will be as under:
  - (i) Faculty joining within India – As per GoI Travelling Allowance norms
  - (ii) Faculty joining from abroad – Actual expenditure or Rs. 1.5 lakhs whichever is less
 Tickets should be booked by only three governments authorized travel agents viz. **M/s Balmer Lawrie & Company Limited, M/s Ashok Travels & Tours Limited and Indian Railways Catering and Tourism Corporation. Ltd. (IRCTC).**
- Depending upon the qualification and experience, a higher start / salary can be offered in deserving cases.
- Reimbursement of telephone bills ranging from ₹1200/- to ₹2700/- p.m. as per institute rules.
- A Cumulative Professional Development Allowance (CPDA) of ₹3.00 lac for every block period of 3 years (Rupees one lac per year) is made available to every year member of the faculty on reimbursable basis to meet the expenses for participation in national and international conferences, payment of membership fee of professional bodies and contingent expenses for any other professional activity.
- No limit on attending the International Conferences without Institute financial assistance.
- Accommodation: The Institute endeavours to provide suitable accommodation to all faculty. However, initially new faculty may stay in Guest House / Visitors Hostel for the period and on prescribed rates as per the institute norms.
- The Institute encourages interaction of the faculty with industry, other research and professional institutions. Consultancy is encouraged at IIT Ropar and liberal consultancy policies are in practice.
- Professional visits can be undertaken during vacation period for carrying out scientific research work.
- Facilities for Research and Development activities exist in all the Departments. These are being continuously modernized with contemporary equipment and services. Good central facilities also exist for computing and research. The Institute has a well stocked library.
- **Start up grant: A suitable start up grant will be available for the faculty members for a sum of upto Rs.20.00 lac to set up the research and infrastructural facilities for a maximum period of 03 years.**
- Most of the day-to-day facilities are available on the Campus including banks, post office, crèche for children, well equipped dispensary, sports facilities, cafeteria etc.

#### **ADDITIONAL INFORMATION:**

- Permanent faculty positions are open to Indian Nationals, Persons of Indian Origin (PIO) and Overseas Citizens of India (OCI). Appointment of foreign nationals for fixed period not exceeding 5 years on contract basis is permissible.
- Political and security clearance from Ministries of External Affairs and Home Affairs is necessary in every case for individuals with foreign passports.
- Candidates serving in Government or Quasi-Government or Government-aided Institutions including Universities, are requested to send their applications through proper channel or produce a No Objection Certificate from their employer. Online application should also be filled.
- The Institute reserves the right to restrict the number of candidates for interview to a reasonable limit on the basis of qualifications and experience higher than the minimum prescribed in the advertisement and other academic achievements.
- The Institute reserves the right to screen and call only such candidates that are found prima-facie suitable for being considered by the Selection Committee. Thus, merely fulfilling the prescribed conditions would not entitle any one to be called for interview.

- No correspondence whatsoever will be entertained from candidates regarding reason for not being called for interview / outcome of interview.
- The candidate is responsible for the correctness of the information provided in the application. If it is found at a later date that any information given in the application is incorrect / false the candidature / appointment is liable to be cancelled / terminated.
- The candidates may get in touch with the Head of the relevant Department for additional information.
- Any corrigendum / addendum or modification, if any, would appear only on the institute website and not be published in any Newspaper.
- **The last date for the submission of online applications is 16.08.2025.**

**कुलसचिव / REGISTRAR**