



INDIAN INSTITUTE OF TECHNOLOGY ROPAR

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Applications are invited from Indian nationals for the following position under the supervision of undersigned. The position is purely temporary and is initially for a period of one year. The duration may be extended further if the performance of the candidate during the first year is found satisfactory. The Research Scientist will be stationed at IIT Ropar. Institute accommodation may be provided depending upon availability. The selected candidate may have to travel as per the project requirements.

Position: 1

Emoluments: Rs. 45,000 to Rs.60,000 (p.m.). The salary may be fixed at higher or lower rate, depending on the qualification and experience. *HRA shall be given as IIT Ropar norms only when the Institute accommodation is not available.*

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- Strong background in any of the following areas: *Numerical modeling and simulation; Experimental geotechnics and constitutive modeling; Slope stability and landslides; Ground improvement and geosynthetics, Geotechnical earthquake engineering*
- Demonstrated research capability through high-quality publications in reputed SCI/SCIE-indexed journals and presentations in national/international conferences.
- Experience in laboratory testing and interpretation of soil/rock behavior, including handling of advanced geotechnical or rock mechanics testing equipment.
- Proficiency in any of the numerical and analytical tools/software such as PLAXIS, FLAC/FLAC3D, ABAQUS, ANSYS, GeoStudio, Rocscience suite, MATLAB, Python, or equivalent.
- Demonstrated research capability through high-quality publications in reputed SCI/SCIE-indexed journals and presentations in national/international conferences.
- Experience in field investigations, instrumentation, monitoring, and data analysis related to geotechnical/rock engineering projects will be an added advantage.
- Good technical writing, communication, and project management skills.
- Ability to work independently as well as collaboratively in multidisciplinary research projects.

Selected candidates may be required to travel for field investigations and project-related activities and may also need to stay at field/project sites as per the requirement. Renumeration for the field visits shall be given separately as per IIT Ropar R&D norms.

How to Apply?

Application form is given on the following sheet. To apply, send the following by email to the undersigned:

1. Completely filled application form (given on the following sheet).
2. Detailed CV (detailing prior research experience).
3. List of publications
4. Copy of all degree certificates.

Put all the above documents in a single .pdf file. Write “*Application for Research Scientist Candidate’s name*” in the subject of your email and send to the email mentioned in the end.

Last date for receipt of application: 07th August 2026.

Date of Interviews of shortlisted candidates: shall be announced later

Venue: The Interview will be in online mode.

- Please note that **no TA/DA** will be given to the candidates called for interview.
- Hard copy submission is not accepted.

For queries, please contact:

Dr. Naveen James Email: naveen.james@iitrpr.ac.in , Mob.: 7347606402

Dr. Naveen James

Associate Professor,
Department of Civil Engineering,
Indian Institute of Technology Ropar
Nangal Road, Rupnagar, Punjab 140001, India
Email: naveen.james@iitrpr.ac.in

Application form for the post of Research Scientist

Recent Photograph

Personal Details

Full Name (In capital)		
Date of Birth (DD/MM/YY)		Category (General/SC/ST/OBC)
Age (in years)		Gender (Male/Female)
Marital Status (Single/Married)		Nationality
Address for Communication		Permanent Address
Mobile/ Phone No.		Email:

Details of School/University/Institute Studied (From Matriculation Onward)

S. No.	Degree	Discipline	University/Institute	Regular/ Part-time	Year	%Marks /CGPA*	Division
1.							
2.							
3.							
4.							

5.							
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****[Please also submit softcopy of the semester-wise mark-sheets as well as softcopy of degree]***

Abstract of your PhD Work: (not more than 500 words)

List of Publications:

Professional Experiences (Teaching/Research/Industrial), if any

Name of Organization	Designation	Nature of Work	From	To

Any other Relevant Information:

DECLARATION

I hereby declare that I have carefully read the instructions and particulars supplied to me and that the entries made in this application form are correct to the best of my knowledge and belief. If selected for admission, I promise to abide by the rules and discipline of the Institute. I note that the decision of the Institute is final in regard to selection for admission and assignment to a particular Department and field of study. The Institute shall have the right to expel me from the Institute at any time after my admission, provided it is satisfied that I was admitted on false particulars furnished by me or my antecedents prove that my continuance in the Institute is not desirable. I agree that I shall abide by the decision of the Institute, which shall be final.

Place:

Date:

Signature of Applicant