



Advt. No.: IITJMU/R&C/RP00158/A-23

08 May 2023

**Advertisement for the Position of JRF**

Applications are invited from interested candidates for the post of **Junior Research Fellow (JRF)** to work on the SERB-funded project entitled “**Field-scale experiments on geosynthetic-reinforced hilly roads: Effects of 2-D and 3-D confinement of local material in pavement base layer**”.

SI No	Position	Area of Specialization	Duration	Consolidated Salary per Month	Number of Positions
1	Junior Research Fellow	Geotechnical Engineering	01 year (Extendable up to the duration of the project based on satisfactory performance)	Rs. 31000/- (p/m + HRA @16%)	01

**\*Minimum Qualification:**

- Essential Qualification:
  - M.E/M.Tech in Geotechnical / Geoenvironmental / Rock / Tunnel Engineering with 70% marks or 7.0 CGPA on a 10-point scale or equivalent.  
Candidates who are in their final semester of the M.Tech. Course and will be submitting their dissertation by June 2023 are also welcome to apply.
  - B.E/B.Tech in Civil Engineering with 70% marks or 7.0 CGPA on a 10-point scale or equivalent.
  - With a Valid NET/GATE Score.
  - Essential qualifications from a recognized technical institute/university as a full-time program.
- Desired Qualification:
  1. Thorough and in-depth knowledge of computational geomechanics and soil dynamics
  2. Publications in indexed/reputed journals and conferences
- Upper age limit: 30 years

### **Brief Objective of Project:**

To investigate the performance of geocell- and geogrid-reinforced low-volume hilly roads under simulated traffic loading conditions in the field.

### **Job Description:**

The selected candidate is expected to work on the objectives of the project via field-based experimental investigations and lab-based numerical modelling in FEM and DEM-based software.

### **Application Process:**

The duly filled application form along with the requested details, scanned copies of certificates, and other supporting documents should be uploaded through the online portal (<https://apply.iitjammu.ac.in/#/home>) latest by 30<sup>th</sup> May, 2023. Please apply through the [contract/project staff/JRF/SRF] tab on the referred application portal. Candidates who are already employed should produce a relieving certificate from their employers if selected. The interview will be conducted for all shortlisted candidates.

### **Attention:**

1. The applicant will be responsible for the authenticity of the information, other documents, and photographs submitted.
2. Merely possessing the prescribed qualification does not ensure that the candidate will be called for an Interview. The candidates may be shortlisted based on merit and need for the project.
3. Shortlisted candidates will be informed by e-mail about the interview. So, the candidate must provide valid e-mail IDs, and phone number information in their applications.
4. Shortlisted candidates must present themselves for the interview on the interview date with an updated CV and original and attested photocopies of mark sheets/certificates supporting their academic qualifications. Only shortlisted candidates will be called for the interview. The time of the interview will be informed to the shortlisted candidates by e-mail. The interview will be held using the online platform.
5. Candidates who are already employed should produce a relieving certificate from their employers if selected.
6. The last date for receiving the duly filled-in application is 30<sup>th</sup> May 2023, through an online portal.
7. The date of the interview will be informed to the shortlisted candidates through email.
8. **Candidate must upload all the documents with respect to educational qualification, experience, etc.**

**Address for Correspondence:**

**Dr. Prasun Halder or Dr. Riya Bhowmik**

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