Inviting applications for Vritika Research Internship

Applications are invited from interested candidates for **02 Research Internship** positions to work under the **VRITIKA** event titled **"Numerical investigation on the behaviour of geosynthetics-reinforced embankment under dynamic impact force of rockfall"** sanctioned by **Accelerate Vigyan, SERB**. The internship students will develop numerical modelling skills while investigating effective landslide mitigation methods. The event will be conducted through **offline mode** for a duration of **eight weeks at IIT Jammu**.

S. No.	Position	Essential Qualifications	Duration	No. of Positions
1	Intern (pursuing Ph.D.)	B.E./B.Tech. in Civil Engineering and M.E./M. Tech./ M.S.(R) or other equivalent degrees in Geotechnical/ Geoenvironmental/ Rock Mechanics/ Tunnel Engineering or other allied areas with minimum of 7.0 CGPA or 70% in Qualifying Degrees. *Who can apply:* Students pursuing Ph.D. in Geotechnical/Geoenvironmental/Rock Mechanics/Tunnel Engineering or other allied areas.	09/05/2022-30/06/2022 (Eight weeks)	01
2	Intern (pursuing M.Tech/ M.E. / M.S. (R) / Equivalent degrees)	B.E./B.Tech. in Civil Engineering with minimum 7.0 CGPA or 70% in Qualifying Degree. *Who can apply:* Students pursuing M.Tech/M.E./M.S. (R)/ Equivalent degrees in Geotechnical/Geoenvironmental/Rock Mechanics/Tunnel Engineering or other allied areas.	09/05/2022-30/06/2022 (Eight weeks)	01

Eligibility Conditions

The applicants must produce a letter of authentication from their Supervisor/Head of the Department/Head of the Institute indicating their association with the institute and 'No Objection Certificate (NOC)' for allowing their student to undergo internship, if selected. There is no dedicated format for the same, however, it must be obtained on the institute/university letter head.

Desirable Qualification

- Good academic record and experience in the relevant areas of specializations.
- Valid GATE score in relevant engineering stream.
- Strong background and understanding of any Finite-Element based software.
- Publication(s) in recognized national/international conferences and journals of repute.

Nature of Support

- The internship will be given for meeting daily necessary expenses such as stationery, consumables, accommodation, food, etc, as per the norms of the funding agency.
- The period of the Training and Skill Internship shall be for eight weeks.
- The participating students will also be eligible for TA reimbursement for their journey to the host institute from their hometown/home institute, both ways, as per the GoI norms.
- Certificate will be provided to the interns after the successful completion of the internship tenure.

Application and Selection Process

Duly filled application form along with the requested details, scanned copies of certificates, and other supporting documents including the letter of authentication should be uploaded through the online portal (https://apply.iitjammu.ac.in/#/home) latest by **Thursday, 21st April 2022**. Please apply through [Contract Staff] tab on referred application portal. The applications will be screened and the candidates will be selected based on the merit of their background and performance in interview.

Other Important Information

1. The applicant will be responsible for the authenticity of information, documents and photographs submitted.
2. Incomplete applications (in any sense) will not be considered for screening.
3. The Institute reserves the right to accept the application at any time and consider candidates with exceptional credentials without applications. Qualification and experience may be relaxed by the Institute at any point of time for otherwise exceptional candidates.
4. Only selected candidates will be informed by email (apart from the information uploaded on the website), therefore the candidates must provide valid E-mail IDs in their applications.
5. Selected candidates will have to acknowledge and accept the internship offer through return email, failing which the waitlisted candidates may be called for the internship.
6. The Event Organizer will assign work/assignments as per the research module, and the intern have to work accordingly and prepare a report on completion.
7. Interns not completing the work within the requisite period will not be issued any certificate.
8. The IPR of the research work will be reserved by the institute which cannot be used by the intern without permission of the concerned authority.
9. The intern shall abide by the rules and regulations of the institution and laboratory protocols.
10. The internship period will not be extended beyond eight weeks.
11. For any other information/queries regarding the internship, the candidates may reach the event organizer through email as per the details given below.

Event Organizer

Dr. Riya Bhowmik
Indian Institute of Technology Jammu,
Department of Civil Engineering
P.O. Nagrota, Jagti, Jammu. 181221
Email: riya.bhowmik@iitjammu.ac.in