



INDIAN INSTITUTE OF TECHNOLOGY PATNA
BIHTA PATNA-801106
RESEARCH & DEVELOPMENT UNIT

ADVERTISEMENT NO: R&D/1451/VVG/565

DATED: 06.03.2026

Project No:R&D/SP/CEE/VVG/2025-26.1451

Applications are invited in the prescribed format only for the following assignment in a purely time bound research project undertaken in this institute.

1. (a) Name of the temporary assignment : **Junior Research Fellow (JRF)**
(b) Number of Post : 02
(c) Duration of the Post : 3years

2. Name of the temporary research project : Verification and validation of geotechnical design and behaviour prediction of caverns through back analysis using numerical models (DEM and/or Continuum models) based on monitored instrument data, photogrammetric methods and blast damage assessment during excavation at Power House Complex caverns of Dibang Multipurpose Project.
3. Name of the sponsoring Agency : NHPC Limited.

4. Consolidated Fellowship/Salary : 37,000/- + HRA (As per rule)

5. Qualifications & Experience : BSc, MSc, MSc Techscience
(Geophysics/Geology/Engineering Geology/Earth Science) and B. Tech/M. Tech inengineering (Civil Engineering/Geotechnical/Mining/Rock Engineering/Earth Science) from IIT/NIT/Central University.

The candidate applying for the JRF position should not exceed 30 years of age as on the last date of application submission. Age relaxation for SC/ST/OBC/Women/PwD candidates will be provided as per Government of India (GoI) rules. The applicants must possess (/B.Tech/M.Tech./M.E./M.Sc. or equivalent) in a relevant discipline with a valid GATE/NET qualification, as applicable. Preference will be given to candidates having research experience in the field of Rock Engineering, Tunneling, Mining engineering, Slope stability, Engineering geology particularly those with relevant project work, dissertation, or Candidates interested in this position and satisfying the qualification criteria should write an email to the project investigator Dr. Amit Kumar Verma (Associate Professor) Dept. of Civil and Environmental Engineering, IIT Patna (Email ids: akv@iitp.ac.in).

1. The subject of the email should read as “**JRF**”. **The last date for receiving this email is 20/03/2026.**
2. The email must include the scanned/pdf copy of duly filled application form (see below) with applicant’s signature. **[Note: Sending only resumes/CV by email will not be considered as complete application].**
3. The email **MUST** include self-attested scanned pdf copy of all supporting documents (degree certificates, mark-sheets, and category certificate, if applicable).



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4. The application should also include a brief Academic CV not exceeding two page.

IIT Patna reserves the right to not shortlist any candidate in case the application email does not contain complete information backed up by supporting documents as listed above.

All candidates who apply via email by 20/03/2026 (Deadline) and are shortlisted will be informed regarding the further details by 23/03/2026.

Tentative Date of ONLINE Interview will be informed accordingly. It is the responsibility of the applicant to ensure that they have reliable internet connectivity on the date of online interview.

Assistant Registrar

Copy to:

1. Associate Dean, R&D, IIT Patna
2. Advertisement file
3. Project file



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FORMAT OF APPLICATION FOR JRF

Name & Address Including email id and Phone no. (for Correspondence)	Category (GEN/OBC/SC/S T/PD)	DOB dd/ mm/yy	Professional Exam. (GATE/CSIR-NET, etc) & Validity
NAME IN CAPITAL Address: Phone: Email:			

Educational Qualification

Institute/ Board	Exam Passed	Year of Passing	% of Marks/CPI
	10 th Class		
	12 th Class		
	Bachelors (B.Sc/B.Tech/B.E./BCA) or equivalent		
	Masters (M.Sc/M.Tech/M.E/MCA/ MA) or equivalent		
	Ph.D. (Science & Engineering)		

Qualifying degree	Degree/ major/Specialization
(B.Sc/B.Tech/B.E./BCA)	
(M.Sc/M.Tech/M.E/MA/MCA)	
Ph.D. (Science & Engineering)	

Publication records (if any):

Signature of applicant

Date:

Place: