



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

**ADVERTISEMENT NO: R&D/1451/VVG/584**

**DATE : 26.05.2026**

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 : 03 years
  
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
3. Name of the sponsoring Agency : NHPC Limited. Multipurpose Project.
  
4. Consolidated Fellowship/Salary : 37,000/- +HRA (As per rule)
  
5. Qualifications & Experience : B.Sc./M.Sc./M.Sc. Tech. in Geophysics/Geology/Engineering Geology/Earth Science **or** B.Tech./M.Tech. in Civil Engineering/Geotechnical Engineering/Mining Engineering/Rock Engineering/Earth Science from a recognized University, IIT, NIT, Central/State University, **or** any reputed private engineering institution.

**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](mailto:akv@iitp.ac.in)).**

1. The subject of the email should read as “**JRF**”. **The last date for receiving this email is 08/06/2026.**
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 pages.

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 08/06/2026 (Deadline) and are shortlisted will be informed regarding the further details by 10/06/2026.

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 ( R&D)**

Copy to:

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



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**PROJECT CODE: R&D/SP/CEE/VVG/2025-26.1451**

**ADVT NO: R&D/1451/VVG/584**

**DATE: 26.05.2026**

**FORMAT OF APPLICATION FOR PDF**

<b>Name &amp; Address</b> <b>Including email id and</b> <b>Phone no.</b> <b>(for Correspondence)</b>	<b>Category</b> (GEN/OBC/SC/S T/PD)	<b>DOB</b> dd/ mm/yy	<b>Professional Exam.</b> <b>(GATE/CSIR-NET, etc) &amp;</b> <b>Validity</b>
<b>NAME IN CAPITAL</b> Address:        Phone: Email:			
<b>Educational Qualification</b>			
<b>Institute/ Board</b>	<b>Exam Passed</b>	<b>Year of Passing</b>	<b>% of</b> <b>Marks/CPI</b>
	10 <sup>th</sup> Class		
	12 <sup>th</sup> 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)		

<b>Qualifying degree</b>	<b>Degree/ major/Specialization</b>
(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: