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

ADVERTISEMENT NO: Temp – 01   **DATED: 02.07.2025**

Project No:

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

1. (a) Name of the temporary assignment	:a) Post-Doctoral Fellow (PDF) b) Junior Research Fellow (JRF)
(b) Number of Post	: PDF – 01 (One) and JRF – 03 (Three)
(c) Duration of the Post	: 1 year
2. Name of the temporary research project	:Structural Safety Audit of 45 nos. of Bridges and the Development of a Bridge Information and Management System
3. Name of the sponsoring Agency	:BRPNNL, Govt. of Bihar
4. Consolidated Fellowship/Salary	:a) PDF –Rs. 58,000/- pm HRA as applicable b) JRF – Rs. 37,000/- pm+ HRA as applicable [accommodation within IIT Patna will be provided based on availability and approval].
5.Qualifications & Experience	:a) PDF – PhD in Structural Engineering in the area of bridge engineering or structural health monitoring. b) JRF – M Tech/MSc/ME in Structural Engineering or, Geotechnical Engineering or Civil Engineering or Soils and Foundation Engineering; B Tech-M Tech Dual degree in Structural Engineering or, Geotechnical Engineering, Civil Engineering. Or, B. Tech. in Civil Engineering with experience of 3 years in relevant areas.

The candidate should have B Tech degree in Civil Engineering with a minimum CPI of 6.5 or 60% of marks. The upper age limit for applying for the JRF position shall be 32 years and PDF shall be 35 years. Relaxations for SC/ST/OBC/women/PD will be given as per the GOI rules. Preference shall be given to GATE (in CE) qualified candidates having experience in the field ofstructural health monitoring, bridge engineering, structural analysis, software exposure, strong computer background in development of data management system and related field. The nature of works shall be including field visit as per requirement of projects.

1. Candidates interested in this position and satisfying the qualification criteria should write an email to the project investigator, Dept. of Civil and Environmental Engineering, IIT Patna (Email ids:singhal@iitp.ac.in and jhaarvind@iitp.ac.in.
2. The subject of the email should read as "**PDF Position" or "JRF Position**". **The last date for receiving this email is 10th July 2025.**

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3. 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].

4. The email MUST include self-attested scanned pdf copy of all supporting documents(degree certificates, mark-sheets, GATE scorecard, and category certificate, if applicable).

5. 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 **10th July 2025** (Deadline) and are shortlisted will be informed regarding the further details by **12th July2025**

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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ADVT. NO: Temp – 01   **DATED:02.07.2025**

FORMAT OF APPLICATION FOR PDF & JRF

Name & Address Including email id and Phone no. (for Correspondence)	Category (GEN/OBC/SC/ST/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
	10th Class		
	12th Class		
	Bachelors (B.Sc/B.Tech/B.E./BCA) or equivalent		
	Masters (M.Sc/M.Tech/M.E/MCA/MA) or equivalent		

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Qualifying degree	Degree/ major/Specialization
(B.Sc/B.Tech/B.E./BCA)	
(M.Sc/M.Tech/M.E/MA/MCA)	
Others	

Publication records (if any):

Signature of applicant

Date:
Place: