



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

ADVERTISEMENT NO: R&D/1312/SAB/621

DATED: 18.08.2026

Project No: R&D/C/CEE/SAB/2025-26/1312

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 : Senior Research Fellow (SRF) & Project Assistant (PA)
(b) Number of Post : **SRF** – 01 (one) and **PA** – 01 (one)
(c) Duration of the Post : Initially for 1 year for SRF and 6 months for PA, with the possibility of extension based on satisfactory performance and continuation of the project.
- 2 Name of the temporary research project : Structural Safety Audit of Bridges and the Development of a Bridge Information and Management System
- 3 Name of the sponsoring Agency : BRPNL, Govt. of Bihar
- 4 Consolidated Fellowship/Salary : a. **SRF** – Rs. 41,000/- pm + HRA as applicable;
b. **PA** – Rs. 20,000/- pm + HRA as applicable; Increment of 15% for 3 years of experience with maximum ceiling of 4 such revisions, i.e. up to 12 years of experience.
Note: accommodation within IIT Patna will be provided based on availability and approval.
- 5 Qualifications & Experience : a) **SRF** – M Tech/MSc/ME/ B Tech-M Tech Dual degree in Structural Engineering or, Geotechnical Engineering or Civil Engineering or Soils and Foundation Engineering with more than 2 years of experience in relevant areas; Or B. Tech. in Civil Engineering with experience of 5 years in relevant areas.
b) **PA** – B.Sc. or equivalent / 3-Year Diploma in Engineering & Technology

Note:

- a. **SRF:** The candidate should have a B.Tech. degree in Civil Engineering with a minimum CPI of 6.5 or 60% marks. The upper age limit shall be 35 years, with relaxation for SC/ST/OBC/Women/PwD candidates as per Government of India rules. Preference will be given to candidates with experience in structural health monitoring, bridge engineering, structural analysis, numerical modelling, and relevant software. The candidate should have strong technical and analytical skills, good report-writing and documentation abilities, and proficiency in data analysis and engineering tools. The work will include bridge inspection, condition assessment, field data collection, structural and numerical analysis, interpretation of monitoring data, technical report preparation, foundation investigations, rehabilitation planning, and development of the Bridge Information and Management System.



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b. Project Assistant (PA): The candidate should have a B.Sc. degree or equivalent qualification, or a 3-year Diploma in Engineering & Technology, with a minimum CPI of 6.5 or 60% marks. Preference will be given to candidates with experience in project administration, documentation, accounts, procurement, and MS Office/ERP systems. The candidate should have good communication, organizational, documentation, and computer skills, with proficiency in maintaining technical and financial records. The work will include file movement and correspondence, project documentation, printing and record keeping, maintenance of financial ledgers and expenditure records, bill processing, procurement support, inventory and register maintenance, data entry, preparation of statements and reports, coordination with Institute offices and vendors, and other project-related administrative activities.

Application Procedure and Important Instructions

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 “SRF/PA Position”. **The last date for receiving this email is 05 Sept 2026.**
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 pages.
6. Please use the file names as: **Post-applied_FirstName_DocumentName.pdf** (e.g., **JRF_X_Y**).

IIT Patna reserves the right not to shortlist any candidate if the application email does not contain complete information, supported by the documents listed above.

All candidates who apply via email by **05 Sept 2026** (Deadline) and are shortlisted will be informed regarding further details by **10 Sept 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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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		

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: