



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

**ADVERTISEMENT NO: R&D/940/LMG/337**

**DATED: 19.01.2024**

Project No: R&D/SP/CEE/LMG/2023-24/940

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 : PhD position funded through project  
(b) Number of Post : 1 (ONE)  
(c) Duration of the Post : 3 years initially followed by extension subject to satisfactory performance
2. Name of the temporary research project : Low-cost metallic grouted anchors for strengthening of masonry structures
3. Name of the sponsoring Agency : Technology Development Programme (TDP), DST
4. Consolidated Fellowship/Salary : Rs. 37,000/- pm for 1<sup>st</sup> and 2<sup>nd</sup> year and 42,000 pm for 3<sup>rd</sup> year + HRA as applicable (as per GoI rules)
5. Minimum Eligibility for Qualifications & Experience
  - a) For candidates with M.Tech./ME/MS as qualifying degree in an Engineering/Technology in Structural Engineering or Applied Mechanics or in similar specializations (such as structural dynamics, earthquake engineering and building technology) with a minimum CPI of 6.5 or, 60% of marks, and GATE qualifications not older than 5 years from the last date of submission of application/NET qualification.
  - b) For candidates with B. Tech./BE as a qualifying degree in Civil Engineering or, relevant branches, 70% marks or 7.5 CPI in B.Tech/BE from institutes other than IITs/IISc with valid GATE score and 8.0 CPI in B.Tech./BE from IITs and IISc.
  - c) The age should not exceed 28 years for a candidate with BE/B.Tech/M.Sc. degree as the highest qualification and 32 years for a candidate with ME/M.Tech/MS degree as the highest qualification.
  - d) Relaxations for SC/ST/OBC/women/PD will be given as per the GOI norms.

The requirement of GATE score is waived for candidates with Bachelor's Degree in Engineering from the Centrally Funded Technical Institutes (CFTIs) with CGPA > 8.0 and above (out of 10) in line with MHRD (now MoE) letter no. 17-2/2014-TS.I dated February 18, 2015 and other IITs. Applicants may refer to other eligibility as mentioned in PhD admission advertisement of IIT Patna ([www.iitp.ac.in/images/adv/phd/final\\_adv\\_26\\_10\\_2023.pdf](http://www.iitp.ac.in/images/adv/phd/final_adv_26_10_2023.pdf)).

Working/research experience in the area of masonry and material analysis will be given preference.



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**6. Application procedure:**

1. Candidates interested in this position and satisfying the qualification criteria should write an email to the project investigator Dr. Vaibhav Singhal, Dept. of Civil and Environmental Engineering, IIT Patna (Email ids: [singhal@iitp.ac.in](mailto:singhal@iitp.ac.in), vaibhav.civil@gmail.com)
2. The subject of the email should read as “**Research Position P940**”. **The last date for receiving this email is 01st February 2024.**
3. The email **MUST** include the **scanned/pdf copy of duly filled application form** (see below) with applicant’s signature.
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. Copy of all (if any) Scopus-indexed **journal papers** should be attached with the email.
6. The application should additionally include a **300-word statement of purpose (SOP)**. This document should elaborate on your interest in the broad area of this project and any relevant prior experience/skills which would help you in the assigned research problem.
7. 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 **01<sup>st</sup> February 2024** (deadline) and are shortlisted will be informed regarding the further details by **5<sup>th</sup> February 2024**.

Tentative Date of ONLINE Interview: **9<sup>th</sup> February 2024**. It is the responsibility of the applicant to ensure that they have reliable internet connectivity on the date of online interview.

Applicants may also contact Dr. Vaibhav Singhal for further details on the research project.

**Deputy 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 <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		

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

Signature of applicant

Date:

Place: