

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Name of Dept./Centre)

Dated:25.06.23

ADVERTISEMENT TO FILL UP PROJECT POSITIONS*N

Applications are invited from Indian nationals only for project position(s) as per the details given below for the consultancy/research project(s) under the Principal investigator (Name: PRADEEP BHARGAVA), Dept./Centre ..CIVIL ENGINEERING Indian Institute of Technology, Roorkee.

1. Title of project: Structural Design of Corridor from Mithapur to Karbighya, Patna
 2. Sponsor of the project: BRPNNL Patna
 3. Project position(s) and number: Project Consultant: ONE
 4. Qualifications: BTech (Civil Engineering) & MTech (Structural Engineering); Excellent academic credentials with CGPA more than 8.5/10, Candidates having both degrees from IITs will have preference; minimum 10 years' experience in
 - Design of Steel Composite Bridges with Limit State Method as per IRC 22/ IRC 24
 - Design of Post Tensioned Box and I Girder Structures with cast in situ and Precast Construction Method
 - Design of Substructure and Foundation in terrain having liquefaction potential in Seismic events, preferably in and around Patna
 - Design of Cable Bridges viz. Extradosed Bridge, Cable Stayed Bridge etc.
 - Design of Elevated Rotaries
 - Good Knowledge of Midas Civil & FEA, STAAD Pro and other software widely used for the analysis of bridges
 5. Emoluments 200000/-Per Month
 6. Duration: 06 Months
 7. Job description
 - Independent Design Calculations for the Structures: The structure types envisaged in the project include, but are not limited to, Steel Composite Girders, PSC Box/I Girders, RCC/Prestressed Portal Beams and Piled Raft Foundations.
 - Preparation of Independent Design Calculation Reports
 - Review of Detailed Drawings in terms of detailing, structural adequacy and constructability
1. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
 2. Candidates desiring to appear for the Interview should submit their applications with the following documents to the office of Principal Investigator through email or by post.

- Application in a plain paper with detailed CV including chronological discipline of degree/certificates obtained.
 - Experience including research, industrial field and others.
 - Attested copies of degree/certificate and experience certificate.
3. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
 4. Preference will be given to SC/ST candidates on equal qualifications and experience.
 5. Please note that no TA/DA is admissible for attending the interview.

The last date for application to be submitted/mailed to Principal Investigator is July 08, 2023...by 5 PM.

Email: p.bhargava@ce.iitr.ac.in

The interview will be held in **On-line** mode on **July 10, 2023** at 10:30 AM... (to be given only for walk in interview)

JBhm

Tel: 01332-285495

Name and signature
of Principal Investigator

Email: p.bhargava@ce.iitr.ac.in

*To be uploaded on IIT Roorkee website and copy may be sent to appropriate addresses by PI for wider circulation.

Approved

Ru 26.6.23

डीन (सिंक)/(Dean SRIC)
भा. प्रौ. सं. रुड़की/IIT Roorkee

Swil
26/6/23

Susham
26/06/2023

[Signature]
26/6/23