

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Civil Engineering Department)**

Dated: 16th April 2026

ADVERTISEMENT TO FILL UP PROJECT POSITIONS*

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: **Prof. Sonalisa Ray**), Dept./Centre **Civil Engineering Department, Indian Institute of Technology, Roorkee.**

1. **Title of project:** Ultra-High-Performance Concrete for Building Applications: Development and design parameters
2. **Sponsor of the project:** NBCC (India) Limited
3. **Project position(s) and number:** Research Associate-I (01)
4. **Qualifications:** PhD in Civil Engineering from a reputed institute (such as IITs, IISc, NITs, or CSIR laboratories) with experimental research experience in cementitious or advanced concrete materials. Candidates with exposure to UHPFRC and relevant journal publications will be given preference.
5. **Emoluments:** Rs. 58,000 + HRA per month
6. **Duration:** One year, extendable further till the project completion date based on performance.
7. **Job description:** Optimization of UHPC mix designs, analysis of mechanical properties, and evaluation of performance parameters for building applications. Responsibilities include experimental testing, data analysis, report preparation, overall co-ordination of the project and other work as assigned by the principal investigators.
8. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
9. Candidates desiring to appear for the interview should submit their applications with the following documents to the office of Principal Investigator **through email only as a single pdf file in the following order (failing to which application will not be considered for shortlisting procedure).**
 - Application with detailed CV including chronological discipline of degree/certificates obtained.
 - Copy of certificates, mark sheets and relevant experience certificate (research and industrial field).
10. Preference will be given to SC/ST candidates on equal qualifications and experience.
11. Please note that no TA/DA is admissible for attending the interview.
12. The last date for the application to be submitted to the Principal Investigator through email is **30th April 2026** by 5 PM by following the Google

Link for submission form: <https://forms.gle/4HRSH7coL9ghaVpr6>

Shortlisted candidates will be invited for the interview through email.

Tel: 91-1332-285673

Email: sonalisa.ray@ce.iitr.ac.in

**Prof. Sonalisa Ray
Name and signature
of Principal Investigator**

APPROVED

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

Dean
Sponsored Research & Industrial Consultancy
Indian Institute of Technology Roorkee
Roorkee-247 667 (INDIA)

SP Ray
17/04/26

[Signature]
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