

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE  
INTERNATIONAL CENTRE OF EXCELLENCE FOR DAMS**

Dated: May 06, 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 (Prof. M.L. Sharma, ICED), Indian Institute of Technology, Roorkee.

1. Title of project: **Development of International Centre of Excellence for Dams (ICED) (ICED-2043-MJS)**
2. Sponsor of the project: CWC, New Delhi
3. Project position(s) and number: Post-Doctoral Fellow = 01 No.
4. Qualifications: Annexure - I
5. Emoluments: Rs. 40,000/- to 1,00,000/- per month + HRA
6. Duration: One year
7. Job description/Broad fields of work: Annexure - 1
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 the Principal Investigator through email, by post, or produce at the time of the Interview:
  - Application in a plain paper with detailed CV including chronological discipline of degree/certificates obtained.
  - Attested copies of the degree/certificate and experience certificate.
10. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
11. Preference will be given to SC/ST candidates on equal qualifications and experience.
12. Please note that no TA/DA is admissible for attending the interview.
13. Walk-in interview of the candidates will be held on **May 27, 2026, at 10.00 A.M.** in ICED, IIT Roorkee.

Tel: 01332-285654 Email: [head@iced.iitr.ac.in](mailto:head@iced.iitr.ac.in)

Copy to: 1. Dean, SRIC, IIT Roorkee  
2. ICC for publication on the IIT Roorkee website.

Email: [head@iced.iitr.ac.in](mailto:head@iced.iitr.ac.in)

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

(M.L. Sharma)

Professor & Principal Investigator

(M.L. Sharma)

Professor & Principal Investigator

Approved

Dean

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

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Project Position, Qualifications, and Fellowships/Emoluments

Sl. No	Fellowships/Emoluments	Minimum Qualifications*	Broad Field of Work
1.	Post Doctoral Fellow	<b>Minimum Qualifications:</b> PhD in Geotech/Earthquake Engineering from IITs/ NITs / other institutes of National and International repute.  <b>Desirable Skills:</b> Proficiency in Plaxis 2D/3D, Geostudio, RS2, handling data extraction and post-processing using Python scripting, deconvolution of ground motions, experience in constitutive models HSS, PM4 Sand, UBC Sand.	<ul style="list-style-type: none"><li>Numerical modelling of soil and rock masses for embankment dam stability, deconvolution of ground motions, geotechnical investigations and stability analysis of dams, preparation of reports, and field visits.</li><li>Seismic Analysis and Hazard Mapping/Seismic Analysis of Gravity and Embankment Dams.</li></ul>

\*All Candidates must have excellent academic performance. The essential qualifications may be relaxed in exceptional cases.

  
(M.L. Sharma)  
Professor & Principal Investigator

*Approved*

*Dr. M.L. Sharma*