

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

Dated: July 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: Research Associate = 01 No.
4. Qualifications: Annexure - I
5. Emoluments: Rs. 30,000/- to 75,000/- per month + HRA
6. Duration: One year
7. Job description/Broad fields of work: Annexure - I
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 **July 24, 2026, at 10.00 A.M.** in ICED, IIT Roorkee.

Tel: 01332-285654 Email: head@iced.iitr.ac.in

(M.L. Sharma)

Professor & Principal Investigator

Copy to: 1. Dean, SRIC, IIT Roorkee

2. ICC for publication on the IIT Roorkee website.

(M.L. Sharma)

Professor & Principal Investigator

Email: head@iced.iitr.ac.in

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

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11/07/26

Annexure – I

Project Positions, Qualifications, and Fellowships/Emoluments

Sl. No	Fellowships/Emoluments	Minimum Qualifications*	Broad Field of Work
1	Research Associate	Minimum Qualifications: Ph.D. or M.Sc./equivalent degree in Microbial biotechnology/ Biotechnology/ Microbiology (NET/GATE qualified) with at least one patent granted in the field of microbial formulation development or having 3 years of research, teaching and design and development experience after M.Tech with at least one research paper in Science Citation Indexed (SCI) Journal. Desirable Skills: Experience in microbiological techniques, microbial isolation and characterization, MICP, microbial consortium development, co-culturing, molecular biology techniques, material characterization (SEM, XRD, TGA/DTA, FTIR), mechanical testing, scientific writing, and data analysis.	Research involving microbial engineering for enhanced urease activity, development and optimization of microbial consortia, co-culture studies, microbial-induced carbonate precipitation (MICP), metagenomic analysis of microbial communities, geomaterial processing, laboratory specimen fabrication, curing, physicochemical and microstructural characterization, mechanical performance evaluation, and preparation of scientific reports.

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


 (M.L. Sharma)

Professor & Principal Investigator

APPROVED


 Dean

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


 11/02/26


 12/12/26


 13/7/26