

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

Dated: May 04, 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: As per Annexure-I
5. Emoluments: Rs. 40,000/- to 1,00,000/- + HRA.
6. Duration: One year
7. Job description: As per 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 plain paper with a detailed CV including a 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.

The last date for applications to be submitted to the Office of the Principal Investigator is **May 18, 2026 by 5.00 p.m.**
The date of the interview shall be communicated to the shortlisted candidates only.


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


SP/2026
02/05/26

Qualifications and Job Description

Broad Areas:

1. Hydraulic Engineering, Fluvial and Computational Hydraulics, Hydraulic Structures
2. River Engineering, Reservoir sedimentation, Hydrodynamic and Morphological Modelling

Essential Qualifications:

- (c) PhD. in Hydraulics/Water Resources Engineering/Hydrology with Bachelor's and Master's degree in the relevant field.
- (d) First class at Bachelor and Master level with CGPA > 8.0 (Scale: 10) or 80% marks.


Desirable Qualifications:

1. Knowledge of Sediment transport, Channel hydraulics, hydraulic structures, 1D&2D hydrodynamic and morphologic numerical modelling in channel/reservoir and physical modelling of hydraulic structure and rivers.

Job Description

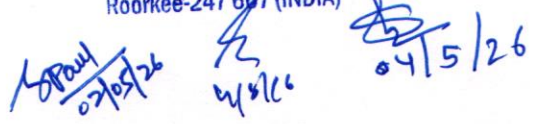
The perspective candidates are expected to contribute towards the following:

1. Carry out research in the broad fields of ICED.
2. Participation in the short-term training programs of the Centre at IIT Roorkee and or at dam sites in India and abroad.
3. Participation in the teaching of M.Tech programs.
4. Mentoring Masters' and PhD students.
5. Development of the labs of the centre, developing MoUs and collaborations with National and International firms and organisations in Dam Engineering.


Dr. M.L. Sharma
Professor & Head
International Centre of Excellence for DAMS
Indian Institute of Technology Roorkee
Roorkee-247667 (India)

APPROVED


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


04/5/26