

348
7/5/2024

DEAN, OFFICE IIT ROORKEE
No. 4141 Dated 07/5/24
to S.K.P.
Supdt. A.R. (Admin.)
SRIC/06

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

Dated: May 6, 2024

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. N.K. Goel, ICED), Indian Institute of Technology Roorkee, 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 (03 Nos.)
4. Qualifications: Annexure-1
5. Emoluments: Annexure-1
6. Duration: One year
7. Job description/Broad fields of work: Annexure-1
 1. Before appearing for the interview, the candidates shall ensure they are eligible for the position to which they intend to apply.
 2. 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 a 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 to the Principal Investigator's office is rolling out until the position gets filled or the project is over.

The candidates will be shortlisted on the EoD of the 14th and 30th of each month. The shortlisted candidates will be directly notified of the interview date and time in online/offline mode.

Tel:01332 -285654

Email: head@iced.iitr.ac.in; nkgoel@hy.iitr.ac.in


(N. K. Goel)

Professor & Principal Investigator

Copy:

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

Annexure -1

Project Positions, Qualifications and Fellowships/Emoluments

Sl. No.	Fellowships/Emoluments	Minimum Qualifications	Amount (Per month)
1.	Post-Doctoral Fellow	PhD in Hydrology/ Hydraulics/ Geotech/ Earthquake Engineering/ Civil Engineering from IIT's/IISc/NITs/ other institutes of National and International repute. One or more relevant research papers in journals of repute.	40,000/- to 1,00,000/- + HRA

Note:

- The candidates should have outstanding academic performance throughout.
- Excellent communication skills.

Broad fields of work:

- Seismic Analysis and Hazard Mapping/ Seismic Analysis of Gravity and Embankment Dams
- Seismology
- Reservoir Sedimentation, Silt Management
- River Engineering, reservoir operation, dam designs, design of hydraulic structures, Dam break modelling, flood estimation and forecasting, and emergency action plan preparation.

The prospective candidates are expected to contribute towards the following:

- Lab development related to seismology at IIT Roorkee and/ or at dam sites, Or Lab development related to physical modelling and hydraulics at IIT Roorkee and/ or dam sites,
- Support in Dam models cum exhibition gallery at ICED.
- Support in Dam instrumentation development at ICED.
- Progress report preparation.
- Field measurement related to seismology/hydraulics and hydrology.
- Participation in the Centre's short-term training programs at IIT Roorkee and/or dam sites in India and abroad.
- Development of the labs, developing MoUs and collaborations with National and International firms and organisations in Dam engineering.
- The project staff are expected to conduct research in any one or more focus areas/broad fields of the centre under the guidance of faculty members.
- The selected candidates will be required to provide the output in the Centre's deliverables in a time-bound manner.
- Any other responsibility assigned by the Head ICED/ P.I./ Co-PI

APPROVED

Abhishek

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

SPaul
08/05/24

08/05/24

NK Goel

(N.K. Goel)
Prof. & P.I.