

DEAN SRIC OFFICE IIT ROORKEE	
Diary No. 4244	Dated 13/5/24
Sent to: Sh. K. P.	
Supdt.	A.R. (SRIC/06)

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

Dated: May 11, 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.

1. Title of project: **Development of International Centre of Excellence for Dams (ICED) (ICED-2043-MJS)**
2. Sponsor of the project: Central Water Commission, New Delhi
3. Project position(s) and number: **Technical Officer = 02 Nos.**
4. Qualifications: Annexure-1
5. Emoluments: Rs. 40,000/- to 1,00,000/- p.m. + HRA
6. Duration: Two years, extendable for another three years on a yearly basis, depending upon the performance and availability of funds.
7. Job description/Broad fields of work: Annexure-1
 1. Candidates before appearing for the interview shall ensure that they are eligible for the position 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 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.

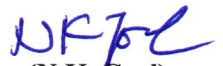
Note: The selected candidates may get an opportunity for Ph.D. admission.

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 to: 1. Dean, SRIC, IIT Roorkee

2. ICC for publication on the IIT Roorkee website.

Qualifications and Job Description**Essential Qualifications:**

- (a) M.Sc. in Physics/Geo-physics with a CGPA of more than 6.5 and a Percentage of more than 65%.
OR
(b) M.Tech in Civil Engineering/Earthquake Engineering/ Hydrology/ Hydraulics/ Water Resource Engineering/Irrigation Engineering/Geotechnical Engineering or equivalent with a CGPA of more than 6.5 and or a percentage more than 65%.
(c) Job experience of more than three years in IITs/NITs/Centrally funded technical institutes.
(d) The candidates must be GATE/JRF/NET or equivalent qualified.

Desirable Qualifications:

- (a) The candidates should have field experience in lab development/field observations/dam sites.

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, emergency action plan preparation.

The prospective candidates are expected to contribute towards the following:

- i. Lab development related to seismology at IIT Roorkee and at dam sites,
- ii. Lab development related to physical modelling and hydraulics at IIT Roorkee and dam sites,
- iii. Dam models cum exhibition gallery at ICED.
- iv. Dam instrumentation development at ICED.
- v. Routine maintenance of Labs.
- vi. Administrative responsibilities of ICED.
- vii. Progress report preparation.
- viii. Field measurement related to seismology/hydraulics and hydrology.
- ix. Participation in the short term training programs of the Centre at IIT Roorkee and or at dam sites in India and abroad.
- x. Development of the labs of the centre, developing MoUs and collaborations with National and International firms and organisations in Dam engineering.
- xi. 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.
- xii. The selected candidates will be required to give the output in deliverables of the Centre in a time bound manner.
- xiii. Any other responsibility assigned by the Head ICED.

APPROVED

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

SPaul
16.05.24
17/5/24
17/5/24



(N.K. Goel)

Professor & Principal Investigator