

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
DEPARTMENT OF HYDRO AND RENEWABLE ENERGY
ADVERTISEMENT TO FILLUP PROJECT POSITION

Applications are invited from Indian nationals only for project position(s) as per the details given below for the consultancy/research project(s) under Prof Himanshu Jain Principal Investigator, Department of Hydro and Renewable Energy, Indian Institute of Technology Roorkee.

1. Title of project: Optimization Studies for Hydropower Stations in Cascade for River Jhelum in J&K
2. Sponsor of the project: Grid Controller of India, Ltd., New Delhi
3. Project position(s) and number: Project Fellow – 2 Nos.
4. Qualifications:
Ph.D in Engineering or
PhD in Mathematics/Operations Research (with 2 year experience in optimization or operations research after PhD)
or M. Tech in Engineering with 3 years of experience in optimization or power systems or hydropower engineering.
Or B. Tech in Engineering with 6 years of experience in optimization or power systems or hydropower engineering.

Desirable background: Applied optimization, including formulation of problems and their solution using software such as Matlab, GAMS, and other such software.
5. Emoluments: Rs. 40,000/- to Rs. 1,00,000/- + HRA per month
6. Duration: Nine months or up to project completion date
7. Job description: To develop an optimization tool, participation in meetings including travel to different offices and hydropower plants in the country and preparation of research articles and reports.

Conditions:

- i. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
- ii. Candidates desiring to appear for the Interview should submit their applications with the following documents to the office of Principal Investigator through email, by post or produce at the time of 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.
- iii. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
- iv. Preference will be given to SC/ST candidates on equal qualifications and experience.
- v. Please note that no TA/DA is admissible for attending the interview.

The last date for application to be submitted to office of Principal Investigator is April 22, 2024 by 5 PM.

(HIMANSHU JAIN
Principal Investigator)
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*To be uploaded on IIT Roorkee website and copy may be sent to appropriate addresses by PI for wider circulation.