

**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 research project under Prof Himanshu Jain Principal Investigator, Department of Hydro and Renewable Energy, Indian Institute of Technology Roorkee.

1. Title of project: "Investigation of Wide-Area Simulation Frameworks for Renewable Energy and HVDC Systems to accurately capture their Dynamic Behavior"
2. Sponsor of the project: Grid Controller of India Ltd., Delhi
3. Project position(s) and number: Project Associate/Research Associate/Project Fellow – 1 Nos.
4. Qualifications:
Project Associate: B. Tech (Electrical Engineering)
Research Associate: M. Tech (Electrical Engineering)
Project Fellow: PhD (Electrical Engineering) or M. Tech (Electrical Engineering) + 3 year experience or B. Tech (Electrical Engineering) + 6 year experience

Desirable background: Power systems modelling and simulation in software such as Matlab/Simulink, PSCAD, EMT ATP-EMTP and similar software; experience in power system stability, power flow analysis, power system protection

5. Emoluments:
Project Associate - Rs. 25,000/- to Rs. 60,000/- + HRA per month
Research Associate - Rs. 30,000/- to Rs. 75,000/- + HRA per month
Project Fellow - Rs. 40,000/- to Rs. 1,00,000/- + HRA per month
6. Duration: 6 months. Extendible up to 1 year or up to the project completion date, whichever is earlier.
7. Job description: To pursue modelling and simulation in electromagnetic transient and transient stability analysis domains. Further, writing research articles and project reports are also key responsibilities for the job.

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.
- vi. HRA is not applicable if on-campus accommodation is allotted.

The last date for application to be submitted to office of Principal Investigator is November 30, 2025 by 5 PM.

Approved

Himanshu Jain

(HIMANSHU JAIN
Principal Investigator)

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

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भा. प्रौ. सं. रुड़की/IIT Roorkee

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