

SRIC/06

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Centre for Sustainable Energy)**

06-10-2025

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 (Name: Prof. Thanga Raj Chelliah), Centre for Sustainable Energy, Indian Institute of Technology, Roorkee.

1. Title of project: Minimizing of damages due to delayed diminishing of fault current in case of phase-to-phase short circuit fault in stator winding.
2. Sponsor of the project: NHPC Limited, Faridabad, Haryana
3. Project position(s) and number: Research Associate (RA) - 1 and JRF/Research Assistant -1 No.
4. Qualifications and Experience: Ph.D. in Electrical Engineering with at least two publications, preferably in IEEE Journals/Transactions (Q1) for RA position; B.E./B.Tech/M.E./M.Tech or equivalent in Electrical Engineering with qualified GATE for JRF/research assistant position.
5. Emoluments: Rs. 70,000 per month + HRA for RA and Rs. 37,000 per month + HRA for JRF/research assistant position.
6. Duration: 8 months (or upto duration of project)
7. Job description: 1. Modelling, simulation and experimental investigation on Hydrogenerators.
2. Development of Hydrogenerator FEA Model using Multiphysics Tool (Ansys Maxwell, COMSOL etc.)

Note:

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 Principal Investigator through email:
 - Application in a plain paper with detailed CV including chronological discipline of degree/certificates obtained.
 - Experience including research, industrial field and others.
 - Self 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.

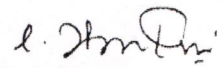
Note: The selected candidate for JRF position may get an opportunity for PhD admission.

The last date for application to be submitted by email to the office of the principal investigator is 21 October, 2025 by 18:00 hrs.

Tel: 01332-28-5554 and 5172

Email: hydropower.wrdm@iitr.ac.in

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


**Prof. Thanga Raj Chelliah
(Principal Investigator)**

APPROVED


Dean

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


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