

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Name of Dept./Centre)

Dated: 06.03.23

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: Dr. Sumit GhatakChoudhuri), Dept./Centre Department of Electrical Engineering, Indian Institute of Technology, Roorkee.

1. Title of project **Smart Power Sharing between Solar PV-BESS Energised AC Micro-Grid and Utility Mains**
2. Sponsor of the project **Ministry of Electronics and Information Technology (MeitY), New Delhi**
3. Project position(s) and number **01 JRF**
4. Qualifications **B.Tech /B.E in Electrical Engineering or Electrical and Electronics Engineering, M.Tech / M.E. in Electrical Engineering (specialization in any relevant field of Electrical Engineering with Exposure to Power Electronics) with Qualified GATE score. The candidate may be offered a chance for conversion to PhD.**
5. Emoluments **31,000/= per month**
6. Duration **Twenty-One (21) Months**
7. Job description:
 - Purchase of Equipment and Components
 - Programming/Simulation in MATLAB and C++
 - Working with Processors such as, DSP/CDAC/d-Space (desirable)
 - Realisation of Hardware Prototype in laboratory environment
 - Compilation of results, data interpretation, writing research paper manuscript and project report

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, 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.
 - Proof of qualifying GATE score (including marks obtained, rank and year of qualification).
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 office of Principal Investigator is 19.03.23 by 5 PM.

Dr. Sumit GhatakChoudhuri
Principal Investigator

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Email: sumit@ee.iitr.ac.in

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

APPROVED

Sumit Ghatak
6/3/23

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

Sumit
06/3/2023 6/3/23