


INDIAN INSTITUTE OF TECHNOLOGY ROORKEE  
DEPARTMENT OF ELECTRICAL ENGINEERING

6<sup>th</sup> December, 2021

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 research project under the principle investigator, **Dr. Bhavesh Kumar R Bhalja**, Department of Electrical Engineering, Indian Institute of Technology Roorkee.

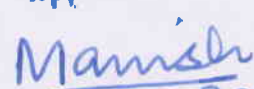
1. Title of project: **Development of Hydrogen Fuel Cell Based Hybrid Power Train for Railway Vehicles.**
2. Sponsor of the project: **DST, New Delhi**
3. Project position(s) and number: **Research Associate (RA) (01)**
4. Qualification: **RA: M. E. /M. Tech. in power system/Power Electronics +3 years experience + Valid GATE score OR Ph. D. in Power System/Power Electronics.**
5. Emoluments: **Rs. 47,000/- +HRA**
6. Duration: **16 months or till the end of project (whichever is earlier)**
7. Job description: Development and validation of algorithms for optimisation for optimal sizing of the components, and energy management optimisation for optimal energy management for a FC based hybrid energy systems (HES).
8. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
9. Candidates desiring to appear for the interview should submit their applications with the following documents to the Principal Investigator **through email only** (bhavesh.bhalja@ee.iitr.ac.in) by **December 20, 2021**:
  - 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.
  - Proof of qualifying GATE score including marks obtained, rank and year of qualification (for M. E./M. Tech student only).
10. Candidates shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
11. Preference will be given to SC/ST candidates on equal qualification and experience.
12. Please note that no TA/DA is admissible for attending the interview.
13. The schedule for the interview will be communicated separately. On-line interview may be conducted for outstation candidates on request.

  
06/12/2021  
(Dr. Bhavesh Kumar R. Bhalja)

Principal Investigator

Email: [bhavesh.bhalja@ee.iitr.ac.in](mailto:bhavesh.bhalja@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  
  
07 Dec 2021  
Principal Investigator (IITR)/Dean (SRIC)

