

JRF in DRDO-sponsored project at the Energy Systems Research Lab @ IIT Gandhinagar

At the Energy Systems Research Laboratory at IIT Gandhinagar, we specialize in the design of fuel cell systems, fuel reforming techniques, multi-scale modelling, and simulation. Our group is currently seeking an outstanding candidate to strengthen our research team as Junior Research Fellow(s) in the DRDO-sponsored project on Demonstration of a Novel Compact, Lightweight Fuel Cell-based Power Pack Platform for Unmanned Aerial Vehicles.

Role highlight

Learn advanced technologies and the complete engineering process to convert concepts to products. Ideate, design, build, integrate, test and validate a range of different technologies across mechanical engineering, electrical engineering and chemical engineering.

Key Responsibilities

- Apply engineering skills to design and build fuel cell systems, sub-systems, and components.
- Develop detailed technical specifications and drawings.
- Design, build and test control algorithms for the fuel cell system.
- Engage with a diverse multidisciplinary team to achieve project milestones.



Desired Qualifications

- BTech/ B.E. degree in Mechanical or Chemical Engineering with GATE qualification (or other qualification as per DST guidelines)
- Candidate with hands-on experience in building experimental setups will be preferred; fresh graduates are also encouraged to apply
- Proficiency in technical drawing, CAD and specification preparation is preferred.
- Strong teamwork and communication skills, willingness to learn and work with one's hands to design and build a complete, novel, hi-tech engineering system from scratch.

Duration:

The initial appointment will be for one year, which may be extended by a further year based on performance.

No of positions: 01

Remuneration: ₹ 37,000.00 per month + 27% HRA¹

Application procedure:

Complete the online application here:

<https://forms.gle/r4egtWw7ZFWcN8ScA>

Key Dates

Last Date of Application	02/06/2024
Shortlisted Applicants announcement on website	04/06/2024
Online interviews	05-06/2024
On campus interview (if necessary)	17-21/06/2024
Final Announcement	To be intimated to the
Joining date	successful candidate

For further information, kindly write to Prof. Atul Bhargav (atul.bhargav@iitgn.ac.in)

¹ Generally, campus accommodation will be provided. However, in case it is not provided, then HRA will be applicable as indicated