



# INDIAN INSTITUTE OF TECHNOLOGY GANDHINAGAR

Department of Mechanical Engineering

Energy Systems Research Laboratory

Gandhinagar, Gujarat – 382355

<https://www.iitgn.ac.in/research/fuelcelllab/index.php>

Ref.: Advt. No.:

Date: 13 March 2019

Energy Systems laboratory invites application for Junior Research Fellow (JRF) for IMPRINT (RES/IMPRINT/ME/P0013/1718/0026) research projects.

At the Energy Systems Research Laboratory at IIT Gandhinagar, we work with fuel cell systems where our key focus is on fuel reforming techniques, multi-scale modelling and simulation of the same. With one-of-a-kind safety laboratory, we are equipped to carry out state-of-the-art research in the fields of reactive flows. Our group is looking for an outstanding candidate to strengthen our research team as a Junior Research Fellow (JRF) in diesel reforming technology.

We are looking for motivated and enthusiastic students to embark on applied research in experimental and simulation studies. Excellent oral and written skills in English are necessary.

### **Minimum eligibility:**

Mechanical or Chemical engineering degree (BTech/ BE/ MTech/ ME)

### **Title of the Project:**

1. Scale-up of Diesel Autothermal Reformer from 5 kWe to 30 kWe for Naval Applications (RES/IMPRINT/ME/P0013/1718/0026)

**Total number of vacancies: 2**

Sr. No.	Projects	Number of Vacancies
1.	IMPRINT Project RES/MPRINT/ME/P0013/1718/0026)	2

**Principal Investigator:** Dr. Atul Bhargav, Associate Professor, Room No. 355, Academic block 6, IIT Gandhinagar, Gujarat – 382355. Email: atul.bhargav@iitgn.ac.in

**Consolidated Monthly Pay:** ₹ 25,000

**Duration:** Total duration of each position is the remaining duration of each project, which is about two years. However, initial appointment will be made for six months, and can be extended based on candidate's performance.

**How to apply:**

The interested candidates can fill the google form (link given below) before 20/03/2019 23:59 hrs.

[https://docs.google.com/forms/d/e/1FAIpQLSdlyUltMQG4ONadwzf6Yc\\_EFqhvVDnOHws5VbTTpG9aMLexMA/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSdlyUltMQG4ONadwzf6Yc_EFqhvVDnOHws5VbTTpG9aMLexMA/viewform?usp=sf_link)

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<b>Key Dates:</b>	
Last Date of Application	20/03/2019
Announcement of Shortlisted candidates on website	21/03/2019
Telephonic Interview	22/03/2019
On campus/ Skype Interview	23/03/2019
Announcement of selected candidates	25/03/2019
Date of Joining	01/04/2019

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In case of any queries kindly contact the undersigned.

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