



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:

Energy Systems laboratory invites application for Junior Research Fellow (JRF) for DST (RES/DST/ME/P0063/1718/0004) and 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 the area of methanol based fuel cell system for CHCP applications and 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. Graduates with a Mechanical or Chemical engineering degree (BTech/ BE/ MTech/ ME) are encouraged to apply.

Title of the Projects:

1. Prototype demonstration of CHCP system for scalable building energy use based on Methanol powered fuel cell systems. (RES/DST/ME/P0063/1718/0004)
2. 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: 3

Sr. No.	Projects	Number of Vacancies
1.	DST Project (RES/DST/ME/P0063/1718/0004)	1
2.	IMPRINT Project RES/MPRINT/ME/P0013/1718/0026)	1

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 17/11/2018 23:59 hrs.

https://docs.google.com/forms/d/e/1FAIpQLSdlyUltMQG4ONadwzf6Yc_EFqhvVDnOHws5VbTTpG9aMLexMA/viewform?usp=sf_link

Key Dates:	
Last Date of Application	17/11/2018
Announcement of Shortlisted candidates on website	19/11/2018
Telephonic Interview	21/11/2018
On campus/ Skype Interview	23/11/2018
Announcement of selected candidates	26/11/2018
Date of Joining	03/12/2018

In case of any queries kindly contact the undersigned.

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