

## **Electrochemical Energy System Design Lab**

### **Department of Mechanical Engineering**

#### **National Institute of Technology Karnataka, Surathkal**

##### **Advertisement for the post of JRF Position in PEM Fuel Cell Research**

National Institute of Technology Karnataka (NITK) invites applications for a Junior Research Fellowship (JRF) position in PEM fuel cell research, specifically on PEM fuel cell testing.

**Description:** Applications are invited for a Junior Research Fellow (JRF) position for the SERB-sponsored project on polymer electrolyte fuel cells (PEFCs). The candidate will work on novel polymer electrolyte membrane design, MEA fabrication, and cell testing. Candidate with a prior experience in fuel cell/electrolysis research, including MEA fabrication, is highly desirable for the advertised position.

**Essential Qualifications:** MSc (Chemistry, Physics, Electrochemistry or equivalent) OR M. Tech./M.E./M.S. (in Mechanical Engineering/ Metallurgical Engineering/ Material Science/ Nanoscience and Nanotechnology/ Chemical Engineering or related areas) from a recognized Institute/University with a minimum of 60% aggregate score (6.5/10 CGPA). Proof of certificate has to be provided during the time of interview. Preference will be given to candidates having CSIR-UGC NET/GATE qualified in the past and working experience relevant to the project topic.

**Salary:** For the first two years Rs. 31,000 + 16% HRA and for the third year Rs. 35,000 +16% HRA for those who have qualified with CSIR-UGC NET or GATE score.

**Application Last Date:** 31<sup>st</sup> July 2023

**Number of Positions:** 01

**How To Apply:** Email your profile along with scanned copy of your certificates and previous work experiences to Dr Poornesh Kumar Koorata (Assistant Professor, Electrochemical Energy System Design Lab, Dept of Mechanical Engineering, NITK) to the following e-mail address: **kpkoorata@nitk.edu.in**. Do not forget to mention your previous experience including publications. Only shortlisted candidates will be intimated by email and called for interview.

Note: The selected candidate is entitled to register for Ph.D. at NITK Surathkal.