

Electrochemical Energy System Design Lab

Department of Mechanical Engineering

National Institute of Technology Karnataka, Surathkal

Advertisement for the post of Project Assistant Position in PEM Fuel Cell Stack Development

The National Institute of Technology Karnataka (NITK) invites applications for a Project Assistant position in PEM fuel cell research, specifically on stack design and testing (inclusive of MEA development).

Description: Applications are invited for a 'Project Assistant' position for the industry (Petronet LNG LTD) sponsored project on polymer electrolyte fuel cells (PEFCs). The project duration is for three years. The candidate, once selected, will work on novel polymer electrolyte membrane design, MEA fabrication, and cell testing. A candidate with prior experience in fuel cell/electrolysis research, including MEA fabrication, is highly desirable for the advertised position.

Essential Qualifications: B. Tech/B.E. (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).

Desirable: 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 the interview.

Salary: Rs. 30,000/- (consolidated)

Application Last Date: 16th June 2026

Number of Positions: 01

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

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