

**CSIR-NATIONAL CHEMICAL LABORATORY  
PUNE - 411008**

**No:** 2025/CSIR-NCL/PSE/GAP344526/653

**Date:** 28/11/2025

**Division:** POLYMER SCIENCE & ENGINEERING(PSE)

**NOTICE**

**Subject: Filling Up Position Of Project Associate II For CAD And CFD Modeling For Design And Development Of Hydrogen Fuel Cell Powered Cargo 3-Wheeler**

Applications are invited online for filling up of position on a purely temporary basis, in the prescribed proforma. The details of the Sponsored Project under which engagement is proposed to be made is as under.

**Title of Project:** Design And Development Of Hydrogen Fuel Cell Powered Cargo 3-Wheeler

**Name of Sponsoring Agency:** Maharashtra Energy Development Agency (MEDA)

Project Code	GAP344526
Post Name	Project Associate-II
No. of Position:	1
Minimum prescribed educational Qualifications	(i) Bachelor's degree in Engineering or Technology from a recognized University AND Two(2) years experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services OR (ii) Masters/Integrated Masters in Engineering or Technology from a recognized University or equivalent
Desirable Qualification/ experience, if any	Familiarity with PEM fuel cell and electrolyzer technology including working knowledge of fuel cells & electrolyzers, membrane electrode assembly, bipolar plates, gasketing materials. Added advantage will be knowledge of polymer materials, their processing and characterization methods and reasonable knowledge of literature/patent searching. Knowledge/experience of CAD/CAM and engineering drawing will be an added advantage as well as knowledge and hands-on with CNC/VMC machining.
Age Limit*	35
Job requirement	To formulate polymer composites for Fuel Cell (FC) applications and carry out molding and testing of the formulated composite accompanied by report writing. To independently plan and perform polymer processing operations like melt compounding and molding of test specimens. To carry out thermal, mechanical and melt rheology analysis of the molded specimens. To participate in outside vendor trials for development of Fuel Cell materials. To design and fabricate FC components using CNC router

Consolidated emoluments per month	(i) 35,000/- + HRA those candidates who have qualified CSIR-UGC / ICAR / ICMR NET incl. lectureship/ assistant professorship or GATE OR those who have qualified National level examinations conducted by central Government Departments like DBT/ DST or equivalent and/or their Agencies/ Institutions. (ii) 28,000 + HRA for others who do not fall under (i) above
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Desirable Qualification/ experience, if any	Bachelor's or Master's degree in Mechanical/Chemical Engineering or any other equivalent stream with Good understanding of fluid flow and transport phenomenon, Experience in CFD simulations of Multiphase flow systems is desirable. Relevant experience of handling commercial CAD and CFD softwares is desirable
Age Limit*	35
Job requirement	To develop multiphase CFD models for Fuel cell and electrolyser applications.
Consolidated emoluments per month	(i) 35,000/- + HRA those candidates who have qualified CSIR-UGC / ICAR / ICMR NET incl. lectureship/ assistant professorship or GATE OR those who have qualified National level examinations conducted by central Government Departments like DBT/ DST or equivalent and/or their Agencies/ Institutions. (ii) 28,000 + HRA for others who do not fall under (i) above

\* The upper age limit is relaxable upto 5 years in the case of candidates belonging to SC/ST/PWD/women, and 3 year for OBC candidates.

The engagement will be coterminous with the tenure of sponsored project subject to satisfactory performance or conduct of the appointee, as the case may be. The engagement will be purely on temporary basis and shall not be CSIR/NCL appointment, temporary or otherwise and shall not entitle the appointee to any right/claim whatsoever, implicit or explicit, for his/her consideration against any CSIR-NCL post/fellowship.

**How to Apply:**

1. Eligible candidates are required to apply ONLINE only through our website.
2. Link to apply : <https://jobs.ncl.res.in>
3. Details can be read from section Jobs Vacancies: <https://www.ncl-india.org>
4. Candidate should have a valid email before applying online.
5. Scanned photo/signature in JPG/JPEG format only.
6. Candidate's Photograph File size must be less than **50 kb**.
7. Candidate's Signature File size must be less than **25 kb**.
8. Readable scanned copies of Mark sheet(SSC, HSC, Graduation, Master, PhD,etc)
9. **Keep ready pdf file of all testimonials.**
10. Read all instructions title '**How To Apply**' available at website.

The application should be filled online on or before **09/12/2025**. Late applications will not be considered.

The prescribed educational qualifications are a bare minimum and merely possessing of same will not entitle candidates to be called for interview. Where number of applications received in response to this Notice of engagement is large, it may not be convenient or possible to interview all the candidates. Based on the recommendation of the Screening Committee, the Project Leader may restrict the number of candidates to be called for interview to reasonable limits after taking into consideration qualifications and experience over and above the minimum qualifications prescribed in the Notice. Therefore, it will be in the interest of the candidates, to mention all the qualifications and experience in the relevant field on date of advertise.

The candidates recommended by the Screening Committee to be called for interview would be notified on the website as well as divisional Notice Board on **10/12/2025** or the candidates may ascertain the information by contacting Digvijay Mahajan email id: **digvijaymahajan155@gmail.com** contact No: **02025902960**

Shortlisted candidates will be required to appear before the Selection Committee for an online interview. For online interview URL link will be provided to shortlisted candidate later via email on or before **10/12/2025**.

Interview will be conducted on **11/12/2025** from **10:00 AM** online through a suitable medium such as Microsoft Teams, Google Meet, Cisco WebEx etc.

No interview call letter will be issued separately.

No TA/DA will be admissible for appearing for the interview. Selected candidates will have to join duty immediately on receipt of the offer of engagement.

**Dr. Sreekumar Kurungot**  
**Project Leader (Name & Signature)**

**Notice Boards**