

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

**No:** 2024/CSIR-NCL/CEPD/IHP240004/261

**Date:** 22/05/2024

**Division:** CHEMICAL ENGG. & PROCESS DEVELOPMENT(CEPD)

**NOTICE**

**Subject: Advertisement For The Position Of Project Associate-1**

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:** Synthesis of aviation fuel

**Name of Sponsoring Agency:** CSIR

Project Code	IHP240004
<b>Post Name</b>	Project Associate-I
<b>No. of Position:</b>	1
Minimum prescribed educational Qualifications	(i) Bachelor's degree in Engineering or Technology from a recognized University or equivalent; and (ii) Two (2) years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.
Desirable experience, if any	Good understanding of chemical reaction engineering, chemical engineering thermodynamics, and transport phenomena. Experience of working on catalyst development, characterization of the catalyst, high pressure hydrogenation, catalysis, fuels testing is required. Experience of working on process development and scale-up for at least 1 year either in an academic institute or in industry.
Age Limit	35
Job requirement	Synthesis of aviation fuel from various sources by hydrogenation and de-hydrogenation steps. development of catalyst for the efficient synthesis process. The process need to be developed at the lab scale and process parameters are to be optimized. Establishment of reaction kinetics, and thermodynamics for all the process steps.
Consolidated emoluments per month	(i) 31,000/- + HRA to Scholars who are selected through (a) National Eligibility Tests-CSIR-UGC NET including lectureship(Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions.(ii) 25,000/- + HRA for others who do not
Project Code	IHP240004
<b>Post Name</b>	Project Associate-I
<b>No. of Position:</b>	1

Minimum prescribed educational Qualifications	(i) Master's degree in in-organic chemistry from any recongnized university or equivalent; and (ii) Two (2) years' Experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.
Desirable experience, if any	Good understanding of in-organic materials synthesis for known and unknown reaction chemistries. Understanding about various catalyst materials for hydrogeation, de-hydrogenation, aromatization, alkylation reactions etc. is needed. Hands-on experience in synthesis of various catalyst materials and their analytical characterization is essential. Experience of working on catalysis for at least 1 year either in an academic institute or in industry.
Age Limit	35
Job requirement	Synthesis of various inorganic catalyst materials for the hydrogeation, and de-hydrogenation reactions to be performed. Analytical characterization using various tools for the prepared catalyst mterial need to be performed. Laboratory experimentation for the similar reactions need to be carried out.
Consolidated emoluments per month	(i) 31,000/- + HRA to Scholars who are selected through (a) National Eligibility Tests-CSIR-UGC NET including lectureship(Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions.(ii) 25,000/- + HRA for others who do not

The engagement will be initially for a period of six months which may be extended or curtailed depending on the duration of the tenure of sponsored project / 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 **14/06/2024**. 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 **17/06/2024** or the candidates may ascertain the information by contacting Santosh Kumar Sriramoju email id: **sk.sriramoju@ncl.res.in** contact No: **02025902016**

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 **17/06/2024**.

Interview will be conducted on **20/06/2024** from 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.



**Santosh Kumar Sriramoju**  
**Project Leader (Name & Signature)**

**Notice Boards**