

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

No: 2022/CSIR-NCL/CEPD/MLP103126/108

Date: 12/05/2022

Division: CHEMICAL ENGG. & PROCESS DEVELOPMENT(CEPD)

NOTICE

Subject: Hydrogen Generation Using Methanol Reforming Coupled With Separation Using Pressure Swing Adsorption (PSA) And Membrane Techniques

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: Hydrogen Generation Using Methanol Reforming Coupled With Separation Using Pressure Swing Adsorption (PSA) And Membrane Techniques

Name of Sponsoring Agency: CSIR

Project Code	MLP103126
Post Name	Project Associate-II
No. of Position:	2
Minimum prescribed educational Qualifications	Master's Degree in Chemical Engineering/Technology/Equivalent; OR bachelor's degree in Chemical Engineering/Technology/equivalent from a recognized University with 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	1. Experience in handling fixed bed reactors 2. Experience in handling gas analysis instruments like GC 3. Good knowledge of ASPEN simulations
Age Limit	35
Job requirement	1. Process development for hydrogen synthesis using methanol-reforming 2. Development of experimental protocols on fixed-bed-reactor system 3. Developing mass and component balance for the experimental trials 3. Handling analytical instruments like HPLC, GC.
Consolidated emoluments per month	Rs. 28,000/- + HRA
Project Code	MLP103126
Post Name	Senior Project Associate
No. of Position:	1

Minimum prescribed educational Qualifications	Bachelor's degree in Chemical Engineering/Technology/Equivalent and four(4) years experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services; OR ME /M.Tech in Chemical Engineering/Technology/equivalent from a recognized University or equivalent with TWO years' experience in R&D in industrial and Academic Institutions or S&T Organizations and Scientific activities and services; OR Doctoral Degree in Chemical Engineering/Technology/equivalent from a recognized University or equivalent
Desirable experience, if any	1. Experience in handling high-pressure autoclaves 2. Good knowledge of catalyst characterization 3. Good knowledge of ASPEN simulation 4. Experience in developing continuous fixed-bed-reactor setups 5. Experience in handling analytical instruments like GC, HPLC
Age Limit	40
Job requirement	1. Execution of high-pressure reactions in autoclave and fixed-bed-reactor 2. Developing fixed-bed-reactor setups 3. performing ASPEN simulations for process performance analysis 4. Catalyst characterization
Consolidated emoluments per month	Rs. 42,000/- + HRA

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 : <http://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 before **19/05/2022**. 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 **24/05/2022** or the candidates may ascertain the information by contacting Mr. Raheja email id: **hm.raheja@ncl.res.in** contact No: **02025902150**

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 **24/05/2022**.

Interview will be conducted on **26/05/2022** 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. Nilesh Mali

Project Leader (Name & Signature)

Notice Boards