

## ANNEXURE-I

NATIONAL CHEMICAL LABORATORY  
PUNE 411 008

No. TR/CATA/MLP/2020/09/05

Date: 04/09/2020

Name of the Division: Catalysis and Inorganic Chemistry

NOTICE

Sub: Filling up of one position(s) for engagement as Project Scientist- III under sponsored project taken up in the Lab

Applications are invited on plain paper for filling up of one position(s) of Project Scientist - III purely on a temporary basis in the prescribed proforma, and the details of the sponsored project under which engagement is proposed to be made is as under:

Project Code No. :	MLP100426
Title of the Project :	Process for the catalytic dehydration of methanol (MeOH) to dimethyl ether (DME)
Minimum prescribed educational Qualifications	<p><u>Project Scientist- III</u>: (i) Doctoral degree in Science or Master's Degree in Engineering or Technology from a recognized University or equivalent and,</p> <p>(ii) Seven years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology organizations and Scientific activities and services.</p>
Desirable experience, if any	<p><u>Project Scientist- III</u>: M.Tech in Chemical Engineering with above 55% or CGPA above 5.5 having relevant experience in the area of catalyst synthesis, handling exothermic reactions, catalysis, process development, and fuel handling. Candidates having published patent / published research papers in SCI or SCI E on relevant to above said project work and having experience of scale-up of catalysts, process scale-up, process simulation will be given preference, and candidate having experience in the high-pressure reactors at and fuel handling will be given preference. Any experience on ASPEN PLUS with a supporting document is preferable.</p> <p>(ii) Seven years' experience in Research and Development in Industrial and Academic Institutions</p>

	or Science and Technology R&D organizations and scientific activities and services.
Age limit*	<u>Project Scientist- III:- 45 yrs.</u>
Job requirement	Project Scientist- III: Candidate should have knowledge about reactor design, distillation and post-processing unit design, process simulation, should have experience of process scale-up and high-pressure fuel handling/ bottling, basic engineering package, catalyst synthesis, and its characterization by using XPS, XRD, BET, FT-IR, UV, TPD and TPR and data interpretation of above-mentioned characterization techniques, hands-on experience on the handling of HPLC, GC, moisture analysis by Karl Fischer instrument and also to report in scientific data format. Candidate should also have basic knowledge about the operation of high pressure fixed bed, batch, fluidized bed reactors, and exothermic reaction operations. The candidates should have experience of handling plant scale reactor unit, distillation column using SCADA/DCS
Consolidated emoluments/month	<u>Project Scientist- III:- 78000 + HRA</u>
No. of positions to be filled up	<u>Project Scientist- III:- 1</u>

\* Age limit, as shown above, is relaxable by 5 years for statutory groups and women.

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:

Applications giving full particulars in the following format along with two copies of recent passport size photograph and attested copies of testimonials may kindly be submitted: (1) Name of the applicant, (2) Date of Birth, (3) Whether belonging to SC/ST/OBC (Original Caste/Community Certificate issued by competent authorities to be produced at the time of interview in support of the claim). (4) Educational Qualification (furnish details commencing from SSC), (5) Self-attested work experience indicating full details, proper reference and communication details of the previous organization (6) Address for communication, (7) Any close relation\*\* working in NCL, if yes, give details. (8) Mobile telephone No., (9) Email address (10) Signature (**on application & self-attested Biodata**). Application and scan copies of relevant certificates may be sent by email to [uv.dhavale@ncl.res.in/](mailto:uv.dhavale@ncl.res.in) Contact telephone No. 02025902010. Due to COVID-19 pandemic there would be restricted manpower to attend the calls. Please specify on the envelope and in the cover letter for the post applied.

\*\* Close relation means: wife/husband/son/daughter/sister/son-in-law/brother-in-law (wife's brother/Sister's husband) sister-in-law (brother's wife/wife's sister) of NCL employee.

The application with the above information duly signed together with photocopies of relevant certificates/testimonials should be addressed to:

The Head, Catalysis Division, (Attn Dr.T. Raja) National Chemical Laboratory, Pune 411 008, so as to reach on or before 18/09/2020

The prescribed educational qualifications are a bare minimum, and merely possessing of same will not entitle candidates to be called for interview. Where the 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 desirable 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 at the time of applying.

The candidates shortlisted by the screening committee for being called for interview would be updated by e-mail on **22/09/2020** or **candidates can also seek information through email (as mentioned above)**

Online interview will be conducted from **10.00 am** onwards on 23/09/2020.

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.

  
Project Leader

Dr. T. Raja

Notice Boards

**APPLICATION FORM**

To,  
The Director,  
National Chemical Laboratory,  
Pune- 411 008.

Date: \_\_\_\_\_

Please affix  
Photograph  
here.

(Atten: \_\_\_ Dr. \_\_\_\_\_ / \_\_\_\_\_ Division)

Sub: Application for the position of \_\_\_\_\_ ( Name of the post)

Ref: Your Notice No. \_\_\_\_\_ dtd. \_\_\_\_\_

Sir,

With reference to the above, I submit my candidature for the above post with the following details.

FULL NAME:- IN CAPITAL LETTERS \_\_\_\_\_

DATE OF BIRTH:- \_\_\_\_\_

CATEGORY:- \_\_\_\_\_ (Gen./SC/ST/OBC)

CORRESPONDENCE ADDRESS:- \_\_\_\_\_

LOCAL (PUNE) ADDRESS (IF ANY):- \_\_\_\_\_

PHONE NO. /Mobile No:- \_\_\_\_\_

E-MAIL ADDRESS:- \_\_\_\_\_

SKYPE ID:- \_\_\_\_\_

EDUCATIONAL QUALIFICATION:- \_\_\_\_\_

Sr. No.	Qualification	Degree obtained/ Board/University	Class/Division	% Marks or GPA
1.				
2.				
3.				

**EMPLOYMENT RECORD:-**

Institution	Designation	Salary p.m.	From	To

Whether any of the relatives employed in NCL/CSIR?

If yes, his/her details:- \_\_\_\_\_  
Any other \_\_\_\_\_ (please attach separate sheet)

I understand that this is contractual appointment which is purely temporary on short-term basis and I hereby declare that the statements made in the application are true, complete and correct to the best of my knowledge & belief.

Yours faithfully

Encl: Scanned self attested copies of:

1. SSC/HSC Certificate indicating DOB.
2. Degree Certificate and Marksheet for M.Sc., M-Tech, etc.
3. Certificate/Orders relating to previous experience.
4. CV with abstract of project/dissertation work

(Signature of Candidate)