ANNEXURE- I

NATIONAL CHEMICAL LABORATORY
PUNE 411 008

No.PHY/2019 **Date: 20/04/2019**

Name of the Division: Physical and Materials Chemistry Division

N O T I C E

Sub: Filling up of **three Project Assistant-II** (PA-II) and **One Project Assistant-1 (PA-1)** positions available under CSIR-NCP project (MLP034026) taken up in the Lab.

Applications are invited on plain paper for filling up of three (3) positions of Project Assistant-II and three (2) Project Assistant -1 positions on a purely temporary basis, in the prescribed proforma. The detail of the CSIR-NCP Project under which engagement is proposed to be made is as under:

Project Code No.	MLP035426	
Title of the Project	**In Silico guided driven design of corrosion inhibition molecules to materials**	
Minimum prescribed educational Qualifications	PA-II: M.Sc. Inorganic / Physical Chemistry/Physics Bachelors in chemical sciences from a recognized University with minimum 60% of marks (aggregate) PA-I: B.Sc in Physics/Chemistry/Biology	
No. of positions to be filled up	**Two (3) PA-II positions (2 in theoretical chemistry/physics and 1 experimental chemistry/physics)**	**One (1) PA-1 position**
Desirable experience	**Theoretical:** Understanding of quantum chemical calculations. **Experimental**: Laboratory experience in nanoscience and nanotechnol-ogy (nanomaterials synthesis, characterization and applica-tion of nanomaterials), know-ledge in electrochemistry and electrochemical applications using potentiostat.	Understanding of Quantum ChemistryPhysics
Age limit*	28 years	28 years

Job requirement	**Theoretical:** To carry out calculations on corrosion inhibiting molecules/ materials and nanoscopic / to understand inhibition mechanism and perform simulations to understand the self assembly of these molecules. **Experimental:**To carry out research on nanomaterials synthesis, characterization for electrochemical applications. To synthesis electrocatalytic systems and evaluate the corrosion inhibiting mechanism for the same.	To carry out calculations on corrosion inhibiting molecules/ materials and nanoscopic / to understand inhibition mechanism and perform simulations to understand the self assembly of these molecules. One of the RA positions is for the project coordination along with the quantum chemical calculations.
Consolidated fixed emoluments per month	Rs. 25,000/- Consolidated for PA-II and 15,000/- consolidate for PA-1	

* **Age limit as shown above is relaxable by 5 years for statutory groups and women.**
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* 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) Research and other experiences if any indicating full details, (6) Address for communication, (7) any close relation** working in NCL, if yes, give details. (8) Telephone No., (9) Email address (10) Signature (**on application & Biodata**) (11) Two recent PP size color photographs.
** Close relation means: wife/husband/Father/Mother/sister/brother/son-in-law/brother-in-law (wife's brother/Sister's husband) sister-in-law (brother's wife/wife's sister) as NCL employee. The application with the above information duly signed together with photocopies of relevant certificates/testimonials should be addressed to:

The Head, Physical and Materials Chemistry Division (**Kind Attn: Dr. Sailaja Krishnamurty,/Dr. Durba Sengupta** Physical and Materials Chemistry Division), National Chemical Laboratory, Pune - 411 008, so as to reach on or before **31/05/2019**. Applications received beyond this date 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 at the time of applying.

The candidates short listed by the Screening Committee to be called for interview would be notified on the **Notice Board at Reception of NCL** on **03/06/2019**. Or the candidates may ascertain the information by contacting the following telephone No.: Name: Mr. Akbar/Dr, Krishnamurty/Dr. Sengupta, on Telephone No. 020-25902002/ 3052/3408.

The short listed candidates will be required to appear for **an interview** before the Selection Committee at **MSM conference Room, NCL Main Building, at 10.00am either on 06/06/2010** as per the list enclosed in the shortlisted candidate list that will be on display from 18/04/2019 onwards. Clarifications on shortlisting and the corresponding date of interview may be availed from the address/phone number as mentioned above. 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.

Notice Board
Display at NCL's website

Sailaja Krishnamurty
(Project Leader)