

**CSIR-NATIONAL CHEMICAL LABORATORY  
PUNE 411008**

**Adv.No.** 2022/CSIR-NCL/PMC/MLP103226/65

**Date:**23/03/2022

**Name of the Division:** Physical & Materials Chemistry

**NOTICE**

**Sub:** Filling up of position for engagement as P.A-I for MLP103426 project.

**Title of the project:** High Entropy Alloys for hydrogen storage application operable at Room Temperature (HEART)

Applications are invited in the prescribed Proforma for filling up of positions of 02 on a purely temporary basis. The detail of the Sponsored Project under which engagement is proposed to be made is as under:

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| <b>Project Category No.:</b>                         | MLP  |
| <b>Name of the sponsoring agency:</b>                | CSIR   |
| <b>Project Code No.:</b>                             | MLP103426  |
| <b>Title of the Project :</b>                        | High Entropy Alloys for hydrogen storage application operable at Room Temperature (HEART)  |
| <b>Title of the Position:</b>                        | Project Associate-I  |
| <b>Minimum prescribed educational Qualifications</b> | Master's Degree in Physics/Nanotechnology/Materials Science/Chemistry with a minimum of 55%  |
| <b>Desirable experience, if any</b>                  | (i) Strong background of Physics/ Materials Science/ Nanotechnology/Chemistry<br>(ii) Experience in synthesis of materials by solid state reaction method or Ball milling or Arc Melting<br>(iii) Experience in solid state hydrogen storage systems   |
| <b>Age limit</b>                                     | 35   |
| <b>Job requirement</b>                               | (i) To synthesize novel high entropy alloys (HEA's) by dry synthesis approach for solid state hydrogen storage and to measure their hydrogen absorption kinetics.<br>(ii) To carry out the X-ray analysis of samples   |
| <b>Consolidated emoluments per month</b>             | (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.<br>(ii) 25,000/- + HRA for others who do not |
| <b>No. of positions to be filled up</b>              | 02   |

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, Ph.D,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 03/04/2022, i.e the last date for filling up the application form is 03<sup>rd</sup> April 2022 till 12:00 midnight. 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 at the time of applying.

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 04/04/2022 or the candidates may ascertain the information by contacting Dr. Kirandeep Singh at email id: [kp.singh@ncl.res.in](mailto:kp.singh@ncl.res.in) and contact No: 020-25902539.

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 08/04/2022.

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.

Interview will be conducted on 08/04/2022 from 10:00 A.M. onwards online through a suitable medium such as Microsoft Teams, Google Meet, Cisco WebEx, etc.

*Kumar Vanka*

**Signature & Name of Project Leader**

**Notice Boards**