

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

No: 2024/CSIR-NCL/PMC/GAP339426/11

Date: 13/01/2024

Division: PHYSICAL AND MATERIALS CHEMISTRY(PMC)

NOTICE

Subject: Recruitment Of One Project Associate-I (JRF) For The SERB-SRG Funded Project Titled, "Improving Mechanical Properties Of Pharmaceutical Drugs Through Crystal Engineering"

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: Improving Mechanical Properties Of Pharmaceutical Drugs Through Crystal Engineering

Name of Sponsoring Agency: DST- SERB

Project Code	GAP339426
Post Name	Project Associate-I
No. of Position:	1
Minimum prescribed educational Qualifications	Master's Degree in Chemistry or Pharmaceutical Chemistry from a recognized University or equivalent
Desirable experience, if any	M.Sc. Qualification (with above 60 % marks) with NET/GATE. Age not exceeding 35 years as of the date of interview. Candidates having adequate knowledge and experience in various crystallization methods, crystallography, and characterization techniques such as SCXRD, PXRD, NMR, FTIR, etc. will be preferred. Knowledge of technical writing will be preferred.
Age Limit	35
Job requirement	The candidate is expected to develop a platform for improving the mechanical properties of pharmaceutical solids through crystal engineering by developing new multicomponent solids such as cocrystals, polymorphs, and hydrates of the drug molecules with various pharmaceutically approved cofomers. The work also involves the characterization of pharmaceutical solids using single crystal and powder XRD, Thermal Analysis, etc. techniques. The candidate is also expected to perform physicochemical properties such as solubility, dissolution, and stability of the newly designed solids.
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 before **27/01/2024**. 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 **31/01/2024** or the candidates may ascertain the information by contacting Dr. Manish Kumar Mishra email id: mk.mishra@ncl.res.in contact No: **020-25902091**

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 **31/01/2024**.

Interview will be conducted on **02/02/2024** from **11:00 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.

Manish Kumar Mishra

Dr. Manish Kumar Mishra
Project Leader (Name & Signature)