

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

No: 2024/CSIR-NCL/CEPD/MLP045926/252

Date: 17/05/2024

Division: CHEMICAL ENGG. & PROCESS DEVELOPMENT(CEPD)

NOTICE

Subject: Genome-Scale Metabolic Engineering For Enhanced Metabolite Production.

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: Genome-Scale Metabolic Engineering For Enhanced Metabolite Production.

Name of Sponsoring Agency:

Project Code	MLP045926
Post Name	Principal Project Associate
No. of Position:	1
Minimum prescribed educational Qualifications	Master's Degree in Natural or Agricultural Sciences/MVSc or bachelor's degree in Engineering or Technology or Medicine from a recognized University or equivalent; and (ii) Eight(8) 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 Engineering or Technology from a recognized University or equivalent with Six(6) years' experience in R&D in industrial and Academic Institutions or S&T Organizations and Scientific activities and services; OR i) Doctoral Degree in Science/Engineering/Technology/Pharma/MD/MS from a recognized University or equivalent; and (ii) Four(4) 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	Mathematical Modeling 1) Experience with MATLAB/Python and other programming languages 2) Mathematical modeling using metabolic network reconstruction, FBA and other COBRA techniques Prior hands-on experience in working either with Experimental 1) Molecular biology techniques 2) Experimental data analysis of genome sequences for building genome scale network reconstruction Other 1) Resident of Pune or willingness to relocate immediately to Pune
Age Limit	40

Job requirement	(i) Creation and analysis of Genome Scale Metabolic Models for production of different metabolites (ii) Identifying rational strain design and strain improvement strategies for metabolic engineering (iii) Integration of multiple data-types and context specific model building for metabolites of interest
Consolidated emoluments per month	(i) 49,000/- + 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 : <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 on or before **21/05/2024**. 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 **22/05/2024** or the candidates may ascertain the information by contacting Anu Raghunathan email id: anu.raghunathan@ncl.res.in contact No: **02025903067**

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 **22/05/2024**.

Interview will be conducted on **23/05/2024** from **09:30 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.

Anu Raghunathan
Project Leader (Name & Signature)

Notice Boards