

**CSIR-NATIONAL CHEMICAL  
LABORATORY PUNE 411 008**

No. CSIR-NCL/BIO/CC/01

Date: 25/08/2020

Name of the Division: Biochemical Sciences

**NOTICE**

**Sub: Filling up of position(s) for engagement as Project Associate-I and -II for sponsored project taken up in the Lab.**

Applications are invited in the prescribed Proforma for filling up of position(s) of **Project Associate-I and II** on a purely temporary basis. The detail of the Sponsored Project under which engagement is proposed to be made is as under:

<b>Project Category:</b>	
<b>Name of the sponsoring agency:</b>	CSIR
<b>Project Code No.:</b>	FC2020-23/MLP-P-07
<b>Title of the Project:</b>	CRISPR/Cas9 mediated deletion of sterol glycoalkaloid gene or gene cluster from tomato and potato genome for nutritional quality improvement in staple food crops
<b>Title of the Position:</b>	Project Associate-I & Project Associate-II
<b>Minimum prescribed educational Qualifications</b>	<p><b>Project Associate-I, Position 1:</b> M.Sc/M.Tech in any branch of Chemistry or bachelor's degree in Engineering with specialization in chemistry branch from Recognized Institute/University. Candidates with NET/GATE would be preferred as per DST Norms.</p> <p><b>Project Associate-I, Position 2:</b> M.Sc/M.Tech in Biochemistry/M.Sc in Natural or Agricultural Sciences/ MVSc or bachelor's degree in Engineering or Technology or Medicine Biotechnology/ Microbiology or any branch in Life Sciences from Recognized University. Candidates with NET/GATE would be preferred as per DST Norms.</p> <p><b>Project Associate-II, Position 1:</b> (i) M.Sc/M.Tech in Biochemistry/M.Sc in Natural or Agricultural Sciences/ MVSc or bachelor's degree in Engineering or Technology or Medicine Biotechnology/ Microbiology or any branch in Life Sciences from Recognized University. Candidates with NET/GATE would be preferred as per DST Norms. (ii) Two years' experience in research and development in industrial and academic institutions or science and technology organizations and scientific activities and services is essential.</p>
<b>Desirable experience, if any</b>	<p><b>Project Associate-I, Position 1:</b> Experience in organic synthesis, spectroscopic and spectrometric analyses, NMR, HPLC and MS analyses</p> <p><b>Project Associate-I, Position 2:</b> Experience in routine molecular biology techniques (gene isolation, cloning, and expression), bioinformatics analysis, plant transformation techniques, agroinfiltration experiments in plants, experience/knowledge about advanced genome editing tools like CRISPR/Cas9 and Virus-Induced Gene-Silencing (VIGS)</p> <p><b>Project Associate-II, Position 1:</b> Experience in plant tissue culture work, plant transformation methods, agroinfiltration</p>

	experiments in plants; routine molecular biology techniques (gene identification, cloning and expression), bioinformatics, growing plants in greenhouse and knowledge about advanced genome editing tools
<b>Age limit*</b>	35 years
<b>Job requirement</b>	<p><b>Project Associate-I, Position 1:</b> Synthesis of small molecules and their characterization by spectrometric and spectroscopic techniques; Performing analytical techniques like NMR, HPLC and mass spectrometry and data analyses etc.</p> <p><b>Project Associate-I, Position 2:</b> Identification, amplification and cloning of candidate genes from tomato and potato; Developing CRISPR-mediated gene knockout constructs using multiple guide RNAs; Generation of CRISPR-mediated transgenic tomato/potato plants and their screening; Tissue-specific metabolite quantification of wild-type and transgenic tomato/potato lines grown in greenhouse under controlled conditions.</p> <p><b>Project Associate-II, Position 1:</b> Maintenance of tomato/potato plants in tissue culture facility, Generation of CRISPR/Cas9-mediated gene constructs; Developing transgenic tomato/potato plants and their screening through molecular tools; Phenotypic and metabolic characterization of wild-type and transgenic tomato/potato lines grown in greenhouse under controlled conditions.</p>
<b>Consolidated emoluments per month</b>	<p><b>Project Associate-I:</b> I) Rs. 31000/- + HRA to scholars who are selected through (a) National Eligibility Test CSIR-UGC NET including lectureship (Assistant professorship) or (b) GATE or II) Rs. 25000/- + HRA for others who do not fall under (I) above</p> <p><b>Project Associate-II:</b> I) Rs. 35000/- + HRA to scholars who are selected through (a) National Eligibility Test CSIR-UGC NET including lectureship (Assistant professorship) or (b) GATE or II) Rs. 28000/- + HRA for others who do not fall under (I) above</p>
<b>No. of positions to be filled up</b>	Project Associate-I (two) Project Associate-II (one)

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:**

The application in the prescribed Proforma (enclosed herewith) duly completed and signed, together with good quality and clearly readable scanned copies of relevant certificates/ testimonials, latest CV of the candidate, and photograph should be sent by **email to [biohod@ncl.res.in](mailto:biohod@ncl.res.in)** by **5:30 pm of September 3<sup>rd</sup>, 2020**, with the subject as: **“FC2020-23/MLP-P-07: Application for PA-I position.”** Please combine the application and all the supporting documents in a single PDF (max size 10 MB), and send it as **attachment** to the email. **Emails with multiple attachments and those received after the closing date and time will not be considered. Only email applications will be accepted.**

The prescribed educational qualifications are a bare minimum, and merely possessing of the same will not entitle the 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 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 list of the candidates short listed by the Screening Committee for being interviewed would be updated online on **14<sup>th</sup> September, 2020**. The candidates may also ascertain the information after **14<sup>th</sup> September, 2020** via email to [biohod@ncl.res.in](mailto:biohod@ncl.res.in), or through phone: **020-25902647**. The interview will be conducted on **16<sup>th</sup> September, 2020** from **10:00 am** onwards online through a suitable medium such as Microsoft Teams, Google Meet, Cisco WebEx, etc. The meeting link will be provided only to the short-listed candidates.

No TA/DA will be admissible for appearing for the interview. The candidates recommended by the interview committee will have to join the duty immediately on receipt of the offer of engagement.



**Signature & Name of Project Leader**  
Ashok P Giri

**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)

