Online-Interview

CSIR – North East Institute of Science & Technology, Jorhat, a constituent establishment of CSIR, is a multidisciplinary institute having research areas like Chemical Sciences, Biological Sciences, Materials Sciences, Engineering Sciences and Geological Sciences, etc. This institute is equipped with sophisticated state-of-art analytical and other equipment to carry out research activities in frontier areas of science & technology. Presently a large number of research activities are being carried out in CSIR and externally funded projects. Now, there is a requirement of Project Associates with the following specialization:

<table>
<thead>
<tr>
<th>Post Code</th>
<th>Project completion date / code</th>
<th>No. of posts</th>
<th>Qualification Required</th>
<th>Date of Interview</th>
<th>Last Date of Application</th>
</tr>
</thead>
</table>
| 1         | HCP 0029 31-03-2021            | Senior Project Associate = 01 No | Project Title: Development of processes for active pharmaceutical ingredients towards COVID-19  
Essential Qualification: **PhD in Chemistry (Organic)**  
Desirable: Experience in relevant field.  
[Max Age: 40 years] | Date of Interview 06-11-2020 | Last Date of Application 03-11-2020 |
| 2         | MLP 1012 31-03-2022            | Project Assistant = 01 No. | Project Title: Development of an efficient and cost-effective process for production of caffeine and tannin from tea waste.  
Essential Qualification: **BSc in Chemistry**  
Desirable: Experience in extraction of biomolecules and exposure in operation / handling of sophisticated analytical equipments  
[Max Age: 35 years] | Date of Interview 06-11-2020 | Last Date of Application 03-11-2020 |
| 3         | MLP 1018 31-03-2022            | Project Assistant = 01 No. | Project Title: Development of processes for edible and industrial dyes from plant sources for enhanced income.  
Essential Qualification: **BSc in Chemistry**  
Desirable: Experience in the process development work.  
[Max Age: 35 years] | Date of Interview 06-11-2020 | Last Date of Application 03-11-2020 |
| 4         | GPP 0351 04-03-2022            | Project Associate-I = 01 No. | Project Title: Continuous flow photochemistry: Visible light induced C-H functionalization and C-C / C-X bond formation to access valubales heterocycles and natural products.  
Essential Qualification: **MSc in Chemistry (Organic)**  
Desirable:  
1. NET(JRF/LS)/GATE | Date of Interview 09-11-2020 & 10-11-2020 | Last Date of Application 06-11-2020 |
| 5         | MLP 1012 31-03-2022            | Project Associate-I = 02 Nos | Project Title: Development of an efficient and cost-effective process for production of caffeine and tannin from tea waste.  
Essential Qualification: **MSc in Organic Chemistry**  
Desirable:  
1. Experience in isolation of natural product / organic synthesis.  
2. NET(JRF/LS)/GATE  
[Max Age: 35 years] | Date of Interview 09-11-2020 & 10-11-2020 | Last Date of Application 06-11-2020 |
| 6         | MLP 1017 31-03-2023            | Project Associate-II = 01 No. | Project Title: Edible biocatalyst for the sensory alteration of essential oils.  
Essential Qualification: **MSc in Chemistry with minimum 2 years of Research / Industry experience in relevant areas.**  
Desirable:  
1. Scientific publication(s)  
2. NET(JRF/LS)/GATE  
[Max Age: 35 years] | Date of Interview 09-11-2020 & 10-11-2020 | Last Date of Application 06-11-2020 |
<table>
<thead>
<tr>
<th>No.</th>
<th>MLP 1018</th>
<th>31-03-2022</th>
<th>Project Associate-II = 02Nos.</th>
<th>Project Title: Development of processes for edible and industrial dyes from plant sources for enhanced income.</th>
<th>Date of Interview: 09-11-2020 &amp; 10-11-2020</th>
<th>Last Date of Application: 06-11-2020</th>
</tr>
</thead>
</table>
| 7   | MLP 1018 | 31-03-2022 | Project Title: Development of processes for edible and industrial dyes from plant sources for enhanced income. | Essential Qualification: MSc in Chemistry (Organic / Physical / Applied) with minimum 2 years research experience in the area of Membrane Science  
Desirable: 1. NET(JRF/LS)/GATE | [Max Age: 35 years] | |
| 8   | MLP 1017 | 31-03-2023 | Project Title: Edible biocatalyst for the sensory alteration of essential oils. | Essential Qualification: MSc in Organic Chemistry  
Desirable: 1. Experience in relevant area  
2. NET(JRF/LS)/GATE | [Max Age: 35 years] | |
| 9   | MLP 1018 | 31-03-2022 | Project Title: Development of processes for edible and industrial dyes from plant sources for enhanced income. | Essential Qualification: MSc in Chemistry (Organic / Physical / Applied)  
Desirable: 1. Experience in relevant area  
2. NET(JRF/LS)/GATE | [Max Age: 35 years] | |
| 10  | MLP 1012 | 31-03-2022 | Project Title: Development of an efficient and cost-effective process for production of caffeine and tannin from tea waste. | Essential Qualification: BE / B Tech in Chemical Engineering  
Desirable: 1. M Tech in Chemical Engineering or allied Engineering subjects.  
2. Experience in Pilot plant operation/Plant Design.  
3. GATE | [Max Age: 35 years] | |
| 11  | MLP 1012 | 31-03-2022 | Project Title: Development of an efficient and cost-effective process for production of caffeine and tannin from tea waste. | Essential Qualification: Diploma in Chemical Engineering  
Desirable: Knowledge of AutoCAD, Computer Application | [Max Age: 35 years] | |
| 12  | MLP 0007 | 31-03-2023 | Senior Project Associate = 02Nos | Project Title: Genome Editing for improvement (GE-Crop) | Date of Interview: 12-11-2020 | Last Date of Application: 09-11-2020 |
| 13  | MLP 1017 | 31-03-2023 | Project Title: Edible biocatalyst for the sensory alteration of essential oils | Essential Qualification: MSc in Microbiology / Biotechnology / Biochemistry or M Tech in Biotechnology  
Desirable: 1. NET(JRF/LS)/GATE | [Max Age: 40 years] | |

[Max Age: 35 years]
<table>
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<tr>
<th>Project No.</th>
<th>Date of Application</th>
<th>Date of Interview</th>
<th>Project Title</th>
<th>Essential Qualification</th>
<th>Desirable</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 MLP 0007 31-03-2023</td>
<td>13-11-2020</td>
<td>16-11-2020 &amp; 17-11-2020</td>
<td>Genome Editing for improvement (GE-Crop)</td>
<td>MSc in Agricultural Biotechnology/Plant Biotechnology/ Biotechnology/ Life Science</td>
<td>Knowledge / Experience CRISPR-Cas genome editing plants, gene expression analysis (qRT-PCR), molecular biology, plant pathology, handling basic molecular and cell biology tools such as PCR, qRT-PCR and confocal microscopy will be preferred.</td>
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<tr>
<td>17 MLP 0041 31-03-2023</td>
<td>13-11-2020</td>
<td>16-11-2020 &amp; 17-11-2020</td>
<td>Conservation of threatened plant species of India</td>
<td>MSc in Microbiology / Biochemistry / Microbiology / Life Science / Ecology &amp; Environments</td>
<td>Research Experience in relevant area</td>
</tr>
<tr>
<td>18 MLP 0048 31-03-2023 BLIT</td>
<td>15-11-2020</td>
<td>18-11-2020</td>
<td>Deciphering the mechanism(s) of host-endophytes coevolution, enhanced secondary metabolite production and crop productivity.</td>
<td>MSc in Microbiology / Biotechnology / Microbial Biotechnology / Plant Biotechnology / Life Sciences / Molecular Biology</td>
<td>Knowledge / Experience in isolation, characterization, and maintenance of different microorganisms including bacteria and fungi, molecular biology experiments including PCR and RT-PCR, Sanger sequencing and NGS analysis.</td>
</tr>
</tbody>
</table>

**Stipend:** As per sanction of funding agencies, currently as follows:

- **Project Assistant**: Rs.20,000/- per month + 8% HRA
- **Project Associate-I**: Rs. 31000/- per month + HRA for NET/GATE qualified candidate or who have qualified National level examination conducted by Central Government Departments and their Agencies and Institutions, Rs. 25000/- per month +HRA for others
- **Project Associate-II**: Rs. 35000/- per month + HRA for NET/GATE qualified candidate or who have qualified National level examination conducted by Central Government Departments and their Agencies and Institutions, Rs. 28000/- per month +HRA for others
- **Senior Project Associate**: Rs. 42000/- per month +HRA
General Guidelines & Terms:

1. Candidates who have already applied against Advertisement No. 37/2020-HRD, should apply afresh.

2. During selection, due weight-age will be given to the academic performance of the candidates. The candidates should have knowledge of computer for day to day work.

3. Interested candidates having the above qualifications are requested to send the filled-in Application [Proforma given below], along with requisite certificates to substantiate their qualification, experience, caste, etc. via email to rpbd@neist.res.in., before the last date specified above. Application which is not in proper Proforma and received after last date will not be considered.

4. The Shortlisted candidates and the time slot for the interview will be notified only in the institute website. Candidates are requested to frequently browse the institute website for all updates.

5. The interview will be conducted in exclusive online mode and link of interview on MS-Team platform will be shared. Candidates are requested to download MS-Team App in Mobile or MS-Team software in computer, beforehand.

6. The selected candidates are expected to join immediately upon selection and bring with them all ORIGINAL TESTIMONIALS including Marksheets and Certificates and also a Photograph. Discrepancy in the marks and percentage submitted in the application proforma to that of the original marksheets / certificates will failing which their engagement can be withdrawn.

7. Duration: The project completion date may be extended depending upon the grant of the funding agency.

8. Maximum Age: As on date of interview will be taken into consideration. (Relaxable for SC/ST/OBC candidates as per Govt of India orders).

9. The engagement will be on purely temporary basis for specific period. It is co-terminus along with the duration of the project and will not confer any right for regularization in the institute.

10. Some selected Project Workers may be allowed to do his / her Ph D work based on CSIR Guidelines.