



**CSIR-NATIONAL METALLURGICAL LABORATORY**  
**(COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH)**  
**BURMAMINES, JAMSHEDPUR-831007**



Website: <https://nml.res.in>

Email: [recruitment2025@admn.nml.in](mailto:recruitment2025@admn.nml.in)

Helpline No. 0657-2345158

No.2-NML (194)/2026-E.I

Date: 02.03.2026

**Advertisement No. T/PS/02/2026**

**Advertisement for engagement of Project Staff in CSIR-NML, Jamshedpur**

CSIR-National Metallurgical Laboratory, Jamshedpur, an Institute under Council of Scientific & Industrial Research (CSIR), will conduct a walk-in-interview on **24.03.2026 (Tuesday) & 25.03.2026 (Wednesday)** for selecting suitable candidates for engagement on purely temporary basis as Project Assistant-I (PA-I)/ Project Assistant-II (PA-II)/Project Associate-I (PAT-I)/ Project Associate-II (PAT-II)/ Senior – PAT etc. at different level against various time bound projects tenable at this Laboratory, as per details given below:

| Sl. No. | Group                       | Project Number | Title of the Project   | Position/ Level               | Nos. | Essential Qualifications   | Desirable (if any)                                     |
|---------|-----------------------------|----------------|--|-------------------------------|------|--|--|
| 01.     | Group-A<br>Date: 24.03.2026 | SSP-1437       | Creep behaviour of different grades of seamless steel S31035 and SS347HFG  | Project Associate-II (PAT-II) | 1    | M. Tech in Metallurgical & Materials Engineering Or<br>B. Tech in Metallurgical & Materials Engineering and 2 years experience in R&D in Industrial and Academic Institutions or S&T Organisations and Scientific activities and services.     | Experience in creep testing of high temperature alloys |
| 02.     |                             | SSP-1504       | Health Assessment of Centre Buffer Couplers used by Indian Railway   | Senior - PAT                  | 1    | M. Tech in Metallurgical and Materials Engineering Or<br>B. Tech in Metallurgical and Materials Engineering and 3 years experience in R&D in Industrial and Academic Institutions or S&T Organisations and Scientific activities and services. | 1 Publication in SCI Journal.                          |
| 03.     | Group-B<br>Date: 24.03.2026 | SSP-1477       | Development of Metallurgical base CRMs   | Project Assistant-II (PA-II)  | 1    | B.Sc. in Chemistry   |  |
| 04.     |                             | SSP-1501       | Development of Metallurgical Base Certified Reference Material for Ores  | Project Assistant-II (PA-II)  | 2    | B.Sc. in Chemistry   |  |
| 05.     |                             | MMP085202-WP1  | Potash fertilizer recovery from indigenous silicate minerals K-feldspar with simultaneous production of valuable by-products | Project Associate-I (PAT-I)   | 1    | M.Sc. in Chemistry Or<br>B. Tech in Chemical/ Metallurgical Engineering  | Experience in hydrometallurgy                          |

|     |                                    |   |   |                               |   |   |  |
|-----|------------------------------------|---|---|-------------------------------|---|---|--|
| 06. |                                    | <b>SSP-1312</b>   | Quality Assessment of Coal Samples of WCL Ballarpur Sponsoring Organization: Western Coalfield Limited (WCL), Ballarpur | Project Associate-I (PAT-I)   | 1   | M.Sc. in Chemistry  |  |
| 07. |                                    | <b>MMP085202-WP-3</b>   | Recovery of Tin and Antimony from lead-tin-antimony dross   | Project Assistant-II (PA-II)  | 2   | B.Sc. in Chemistry  | Experience in metal extraction               |
|     |                                    |   |   | Project Associate-II (PAT-II) | 1   | M. Tech in Chemical/ Metallurgical Engineering Or B. Tech in Chemical/ Metallurgical Engineering and 2 experience in R&D in Industrial and Academic Institutions or S&T Organisations and Scientific activities and services. |  |
| 08. | <b>GAP-0305 (WP-1)</b>             | Centre for Excellence in Wear and Corrosion Resistant Coatings Technology | Project Associate-I (PAT-I)   | 1                             | M.Sc. in Chemistry/Physics/ Material Sciences Or B. Tech. in Chemical/Electrochemical Engineering or Technology |   |  |
| 09. | <b>Group-C</b><br>Date: 24.03.2026 | <b>SSP-1494</b>   | Technical up gradation of anhydrite   | Project Associate-I (PAT-I)   | 1   | M.Sc. in Chemistry  | R&D Experience in Hydrometallurgy            |
| 10. |                                    | <b>GAP-0295</b>   | Recycling graphite from spent batteries for Li capacitors   | Project Associate-I (PAT-I)   | 1   | M.Sc. in Chemistry  | R&D Experience in Hydrometallurgy            |
| 11. |                                    | <b>MMP085201</b>  | Battery to Battery Project (B2B)  | Project Associate-I (PAT-I)   | 1   | M.Sc. in Chemistry Or B.E/B. Tech in Chemical/Metallurgy/ Materials Science & Engineering   |  |
| 12. | <b>Group-D</b><br>Date: 25.03.2026 | <b>SSP-1480</b>   | Material Characterization of Additive Manufactured Titanium Alloy Ti-64 for Damage Tolerant Design                      | Project Associate-II (PAT-II) | 1   | M. Tech in Mechanical Engineering Or B. Tech in Mechanical Engineering and 2 experience in R&D in Industrial and Academic Institutions or S&T Organisations and Scientific activities and services.                           | Experience in Stress Analysis/Finite Element |
| 13. |                                    | <b>SSP-1498</b>   | Assessment of Mineral Composition and Distribution in Blended Coals   | Project Assistant II (PA-II)  | 1   | 3 Years Diploma in Mechanical Engineering   |  |

|     |   |                     |  |                                |                    |  |  |
|-----|---|---------------------|--|--------------------------------|--------------------|--|--|
| 14. |   | <b>SSP-1504</b>     | Health Assessment of Centre Buffer Couplers used by Indian Railway   | Project Associate-I (PAT-I)    | 1                  | B. Tech in Mechanical Engineering  | GATE qualified/ Experience in mechanical testing and micro structural characterization |
|     |   |                     |  | Project Assistant – II (PA-II) | 1                  | 3 years Diploma in Mechanical Engineering  | Experience in mechanical testing and micro structural characterization                 |
| 15. |   | <b>CLP-224</b>      | Real-time Intelligent Iron Ore Composition Analyser  | Project Associate-I (PAT-I)    | 1                  | B. Tech in Mechanical Engineering  |  |
| 16. |   | <b>OLP-9008</b>     | MTE Divisional Project   | Project Assistant – II (PA-II) | 1                  | B.Sc. in Information Technology/ Computer Science  |  |
| 17. |   | <b>SSP-1483</b>     | Ultrasonic imaging to assess the debonding of Connecting Rod   | Project Associate-I (PAT-I)    | 1                  | B. Tech in Electrical/Electronics/ Electronics and Communication Engineering             | Experience in LabVIEW  |
| 18. |   | <b>SSP-1484</b>     | Creep behaviour of stainless steel   | Project Assistant – II (PA-II) | 1                  | 3 years Diploma in Mechanical Engineering  | Experience in Calibration of Load and LVDT and Thermocouples                           |
| 19. |   | <b>ISRO-1</b>       | Characterization of sub-structures and precipitate morphology for advanced Nickel based super alloys manufactured through additive manufacturing in liquid engines | Project Associate-I (PAT-I)    | 1                  | B. Tech in Materials and Metallurgical/ Metallurgical/ Mechanical/ Materials Engineering |  |
| 20. | <b>Group-E</b><br><b>Date: 25.03.2026</b> | <b>GAP-0306</b>     | E-waste recycling project (MeitY Sponsored)  | Project Assistant – I (PA-I)   | 1                  | SSC/ 10 <sup>th</sup> Plus ITI in Ceramic Trade  | Experience in Glass blowing work   |
| 21. |   | <b>MMP-085203/3</b> | C-SEAS E-waste recycling   | Project Associate-I (PAT-I)    | 1                  | M.Sc. in Chemistry   | Experience in e-waste recycling awareness  |
|     | Project Assistant – II (PA-II)            |                     |  | 1                              | B.Sc. in Chemistry |  |  |
| 22. | <b>Group-F</b><br><b>Date: 25.03.2026</b> | <b>MMP-085203/4</b> | C-SEAS Mission Project   | Project Assistant – II (PA-II) | 2                  | B.Sc. in Chemistry Or 3 Years Diploma in Metallurgical/ Chemical Engineering             |  |
|     |   |                     |  | Project Associate-I (PAT-I)    | 1                  | M.Sc. in Chemistry Or B.E/ B. Tech in Metallurgy/Chemical Engineering                    | Experience in R&D  |
| 23. |   | <b>SSP-1461</b>     | Transfer of Technology on Production of Electrolytic Mn Metal  | Project Assistant – II (PA-II) | 1                  | B.Sc. in Chemistry Or 3 Years Diploma in Metallurgical/ Chemical Engineering             |  |

|  |  |                     |   |                                |   |                            |  |
|--|--|---------------------|---|--------------------------------|---|----------------------------|--|
|  |  | <b>MMP-085203/2</b> | Zero-Water Physical Separation for Sustainable Recycling of End of-Life Solar Panels and WEEE | Project Assistant – II (PA-II) | 2   | B.Sc. in Geology/Chemistry |  |
|  |  |                     | Project Associate-I (PAT-I)   | 2                              | M.Sc. in Chemistry Or B. Tech in Chemical/Mineral/Metallurgy/Mechanical Engineering |                            |  |

**Upper age limit (as on date of Interview) & Emolument Details:**

| Level                         | Emoluments (Rs.)                   | Upper Age Limit (as on date of Interview/ Test) | Remarks   |
|-------------------------------|------------------------------------|---|---|
| Project Assistant-I (PA-I)    | 18,000/- + HRA                     | 35  | Criteria as per CSIR norms.   |
| Project Assistant-II (PA-II)  | 20,000/- + HRA                     | 35  | Criteria as per CSIR norms.   |
| Project Associate-I (PAT-I)   | 25,000/- + HRA<br>31000/- + HRA *  | 35  | *Candidates who have qualified CSIR-UGC/ICAR/ICMR NET including lectureship/ Assistant Professorship or GATE Or Those who have qualified National level examinations conducted by Central Government Departments like DBT/DST or equivalent and/ or their Agencies/ Institutions. |
| Project Associate-II (PAT-II) | 28,000/- + HRA<br>35,000/- + HRA * | 35  |   |
| Senior-PAT                    | 42,000/- + HRA                     | 40  | Criteria as per CSIR norms.   |

Interested candidates (Indian Nationals Only) fulfilling the criteria towards age, educational qualifications etc. as detailed above may apply as per the instructions given below in Terms & Conditions.

**Terms and Conditions:**

1. The engagement of Project Staff which is on contract basis in respect of all the above positions which is against various time bound project tenable at this Laboratory, will confer no rights on the candidates, whatsoever, implicitly and/ or explicitly for their continuation beyond tenure/ absorption/ regularization in CSIR/ CSIR-NML. The engagement shall be for short period and co-terminus with the project and may be terminated at any time by giving a notice of one month from either side or one-month stipend in lieu thereof.
2. The candidates who have already been engaged in CSIR-NML or any other Lab/ Institute of CSIR as Project Staff for a period of 6 years or more are not eligible for the above engagements. The candidates who have been engaged for a period lesser than 6 years, upon selection, their tenure will automatically end on completion of 6 years. Selected Candidate(s) will be engaged initially for a certain period against the respective project, which may be curtailed or extended at the discretion of the competent authority, CSIR-NML.
3. Upper Age limit as on date of Walk-in-Interview is relaxable for SC/ST/PwBd/Women and category of OBC candidates by 05 years and 03 years respectively.
4. The engagement of the Project Staff will be subject to the availability of the fund.
5. Hindi may be used as a medium of conversation during the interview.
6. The Government strives to have a workforce that reflects gender balance, and women candidates are encouraged to apply.

7. If the number of candidates for Walk-in-Interview is very high, then the Candidates will be shortlisted by a screening committee based on written test or on any other criteria adopted by the screening committee and only those shortlisted so will be allowed to appear in the Interview.
8. An Application form along with a recent colour passport photograph pasted on it with self-attested copies of all relevant testimonials/ certificates has to be submitted for each group by the candidates on the date of Walk-in-Interview/ Test itself. No other mode of application will be entertained.
9. If it is found at any stage of the recruitment process or thereafter that, the candidates do not fulfil the eligibility criteria, their candidature shall be cancelled summarily without assigning any reason. Further, the decision of CSIR-NML in regard to selection process will be final and binding to all concerned. No correspondence in this regard will be entertained by the Laboratory/Institute.
10. Providing any false information may lead to ban in appearing for any future recruitment/ engagement process in CSIR-NML and the same may be informed to other CSIR labs/ Institutes, other Government Organizations/ Agencies also.
11. The number and levels of positions may increase or decrease at the time of actual selection or may be cancelled also even after conclusion of selection process as well. The engagement is for various time-bound projects viz., Grant-in-Aid/ Sponsored Projects/ In-house projects etc. which is co-terminus with the projects and may be extended or curtailed depending on the duration of the Projects, satisfactory performance/ conduct of the appointee. It is not a regular appointment, temporary or otherwise and therefore it does not entitle the candidates any claim, implicit or explicit on any CSIR/ CSIR-NML post.
12. CSIR-NML reserves to right to cancel or withdraw the Offer of engagement in case of any discrepancy found, in the candidature of any empanelled candidate at any stage.
13. No TA/DA will be paid to the candidates for attending the Walk-in-Interview/test.
14. Final Semester / Year students who are awaiting results and hence not in possession of final result as on the date of walk-in-interview are not eligible to attend the interview.
15. The cut-off date for determining the essential qualifications and the upper age limit shall be the scheduled date of interview.
16. Other terms & conditions will be governed as per guidelines issued by the funding agency/ CSIR for the engagement of above Project Staff, as reads with amendments if any, thereto.

Interested eligible candidates, who are Indian national and fulfil the above eligibility condition, may report between **09.00 A.M. to 11.00 A.M. on 24.03.2026 (Tuesday) & 25.03.2026 (Wednesday) (as per the above mentioned schedule)** for Walk-in-Interview/Test at **CSIR-NML, Burmamines, Jamshedpur-831007 (Jharkhand)** with all certificates/ documents in original in support of their qualification/ age/ caste/ experience(s) and duly filled in application in the enclosed prescribed PROFORMA with a recent colour passport pasted on it along with one self-attested copies of all relevant testimonials/ certificates.

Candidates are advised to constantly keep on visiting CSIR-NML Website at <https://nml.res.in> for any update/change related to this engagement process.

(Viplave Vishal)  
Administrative Officer

**NMIL**



**CSIR-NATIONAL METALLURGICAL LABORATORY**  
(COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH)  
BURMAMINES, JAMSHEDPUR-831007



**PROJECT STAFF APPLICATION FORM**

Advertisement No. **T/PS/02/2026 Dated 02.03.2026**

**Walk-in Interview on** \_\_\_\_\_ (DD.MM.YYYY)

Affix self-attested recent passport size colour photo.

Name of Post Applied For [Tick] :- **(PA-I) / (PA-II) / (PAT-I) / (PAT-II) / Senior-PAT**

Group & Project No.: \_\_\_\_\_

**(Separate application form is required to fill for each Group)**

|     |  |   |
|-----|--|---|
| 1.  | <b>Name of the Candidate</b><br>(Mention the name as per SSC/SSLC/10 <sup>th</sup> Certificate)                |   |
| 2.  | <b>Father/Mother's Name</b><br>(Mention the name as per SSC/SSLC/10 <sup>th</sup> Certificate)                 |   |
| 3.  | <b>Date of Birth (DD/MM/YYYY)</b>  | <input type="text"/>   |
| 4.  | <b>Gender (Male/ Female/ Others)</b>   | Male <input type="checkbox"/> Female <input type="checkbox"/> Others <input type="checkbox"/>   |
| 5.  | <b>Category (UR/SC/ST/OBC/EWS)</b>   | UR <input type="checkbox"/> SC <input type="checkbox"/> ST <input type="checkbox"/> OBC <input type="checkbox"/> EWS <input type="checkbox"/>   |
|     | <b>PwBD: (Yes/ No)</b>   | Yes <input type="checkbox"/> No <input type="checkbox"/>  |
|     | <b>Religion:</b>   |   |
| 6.  | <b>Marital Status:</b>   | Married <input type="checkbox"/> Unmarried <input type="checkbox"/>   |
| 7.  | <b>Permanent Address</b><br>(Mention H.no. Street Name, Village, Mandal, City, District, State, Pin code)      |   |
| 8.  | <b>Correspondence Address</b><br>(Mention H.no. Street Name, Village, Mandal, City, District, State, Pin code) |   |
| 9.  | <b>Aadhar Number:</b>  | <input type="text"/> |
| 10. | <b>Email Id (Operational):</b>   |   |
| 11. | <b>Mobile Number (Self):</b>   | <input type="text"/>   |

**11. Educational Details:**

| Sl. No. | Name of the Course                                    | Year of Passing | Percentage / CGPA | Subjects Studied/ Discipline | Name of the Board/ University |
|---------|---|-----------------|-------------------|------------------------------|-------------------------------|
| a.      | SSC/SSLC/10 <sup>th</sup> Standard                    |                 |                   |                              |                               |
| b.      | 10+2 / Intermediate                                   |                 |                   |                              |                               |
| c.      | Graduation / Diploma<br>(_____)                       |                 |                   |                              |                               |
| d.      | Post-Graduation<br>(_____)                            |                 |                   |                              |                               |
| e.      | Ph.D. (if any)  |                 |                   |                              |                               |
| f.      | Any Other Qualification<br>(CSIR-UGC NET/GATE if any) |                 |                   |                              |                               |

**12. Experience (if any):**

| From (DD.MM.YYY) | To (DD.MM.YYY) | Designation | Name of the Organisation |
|------------------|----------------|-------------|--------------------------|
|                  |                |             |                          |
|                  |                |             |                          |
|                  |                |             |                          |

**13.** Had you appeared for interview earlier in CSIR-NML: Yes / No (If Yes, No. of attempts):

**14.** Presently Working as Project Staff in CSIR-NML / Other CSIR Lab: Yes / No (If Yes, attach joining OM)

**15.** Any relatives working in CSIR-NML? : Yes / No (If Yes, mention name, designation & lab/Inst.):

I hereby declare that the particulars given above are true to the best of my knowledge and belief. I am aware that I will not have any claim or regular employment in the CSIR-NML service on the basis of this selection / extension of my services.

**Place:** \_\_\_\_\_ **Signature** \_\_\_\_\_ :

**Date:** \_\_\_\_\_ **Name in Block Letters:** \_\_\_\_\_

**NOTE:** Candidates **must bring** the Filled-in Project Staff Application Form, Self-attested copies of Educational/Experience/Community certificates, Aadhaar Card, PAN Card & if any and the Originals for verification on the day of the **Walk-in Interview**.

**Enclosures** (Self Attested Photocopies):

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

