



सीएसआईआर-राष्ट्रीय धातुकर्म प्रयोगशाला
CSIR-NATIONAL METALLURGICAL LABORATORY
(Council of Scientific & Industrial Research)
जमशेदपुर / Jamshedpur-831007
Advertisement No.:T/PS/02/2024



A Walk-In-Interview/Test will be held on **15-10-2024 & 16-10-2024** at **CSIR-NML, Burmahmines, Jamshedpur** 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 levels for various projects. Details are given below:

Sl. No.	Project No.	Position/ Level	No. of Post	Essential Qualification	Desirable (if any)	Project Name	Walk-In-Interview Date
1	OLP-9010	Project Assistant-II (PA-II)	1	B. Sc. in Mathematics/Physics	NIL	MNP Division	GROUP -A 15-10-2024
2	OLP-9004	Project Assistant-II (PA-II)	1	B.Sc. in Computer Science/IT or 3 years Diploma in Computer Science/ Computer Application/ Information Technology	NIL	Divisional Project for research, scientific services, training business promotion - HOD AMC	
3	OLP-9011	Project Assistant-II (PA-II)	2	B.Sc. in Computer Science/IT/ Physics OR 3 years Diploma in computer science/ computer application/Information Technology	NIL	RPBD Divisional Project	
4	OLP-9008	Project Assistant-II (PA-II)	2	B.Sc. in Computer Science/IT OR 3 years Diploma in computer science/ computer application/ Information Technology	NIL	MTE Divisional Project	

5	MMP-085201	Project Associate-I (PAT-I)	4	B.Tech. in (Metallurgical Engg./ Chemical Engg.) or M.Sc. in Chemistry/ Industrial Chemistry	NIL	Battery to battery: Recovery of metal values from spent lithium-ion batteries and fabrication of new lithium ion batteries-a circular economy approach (B2B)	GROUP -B 15-10-2024	
		Project Assistant-II (PA-II)	2	3 Years Diploma in Metallurgical Engg./ Diploma in Chemical Engg. or B.Sc. Chemistry	NIL			
6	HCP-54(FBR-4)	Project Assistant-II (PA-II)	1	3 Years Diploma in Metallurgy/Chemical Engg. or B.Sc. in Chemistry	NIL	Technology development for recovery of tantalum from secondary resources		
7	GAP-0320	Project Associate-I (PAT-I)	2	B.E/B. Tech. in Metallurgy/Chem. Engg. or M.Sc. in Chemistry	NIL	Development of process for synthesis of copper and nickel metal powders from weees for additive manufacturing		
8	GAP-0311	Project Assistant-II (PA-II)	1	3 years Diploma in Metallurgical Engineering/ Metallurgical and Materials Engineering/ Materials and Metallurgical Engineering/Mechanical Engineering	NIL	Evaluation of Mechanical Properties such as Tensile, Creep, LCF, KIC, CCG values of an Important Cast Ni Based Superalloy (BZL-12Y)		
9	HCP-0054 (WP1/6)	Project Assistant-II (PA-II)	2	3 years Diploma in Metallurgical Engineering	NIL	Recovery of Metal Values from Mining and Steel Plant Wastes		
								GROUP -C 15-10-2024

10	FTT-040507	Project Assistant-II (PA-II)	1	3 years Diploma in Electronics/Electronics & Telecommunications/ Electronics & Communications Electrical & Electronics Engg./ Electronics and Instrumentation Engineering	NIL	Low Temperature Co-fired Ceramic (LTCC) based eddy current sensor for Real-time health monitoring of power plant components
		Project Associate-I (PAT-I)	1	B.E./B.Tech. in Electronics/Electronics & Telecommunications/ Electronics & Communications Electrical & Electronics Engg./ Electronics and Instrumentation Engineering or M.Sc. in Physics	NIL	
11	NCP-010302	Project Associate-I (PAT-I)	1	BE/B.Tech. in Electronics and Communication/Electronics and Instrumentation Engineering /IT/Computer Science	NIL	Ultra-precise on-machine metrology (OMM) system for optical fabrication of freeform optics
		Project Associate-II (PAT-II)		2 years' experience in Research & Development in Industrial and Academic Institutions or Science & Technology Organization & Scientific activities and services.	NIL	

GROUP -D
15-10-2024

12	MMP-085202WP1	Project Associate-I (PAT-I)	2	B. Tech. in Chemical/Metallurgical Engineering or M.Sc. in Chemistry/Environmental science	NIL	Potash fertilizer recovery from indigenous silicate minerals K-feldspar with simultaneous production of valuable by-products	GROUP -E 15-10-2024	
		Project Assistant-II (PA-II)	1	3 Years Diploma in Chemical/Metallurgical Engineering OR B.Sc. in Chemistry	NIL			
13	MMP-085202WP3	Project Assistant-II (PA-II)	3	B.Sc in Chemistry or 3 Years Diploma in Chemical/Metallurgical/ Mechanical engineering		Recovery of Tin and Antimony from Lead-Tin-Antimony Dross		
14	HCP-54-WP-15	Project Assistant-II (PA-II)	2	B.Sc. in chemistry or 3 Years Diploma in Metallurgy/Chemical Engineering.	NIL	Rare Earth Recovery from Waste Magnet (NdFeB)– Waste Scrap to Metal/oxide/salt Product (MAGRARE)-		
15	MMP-085202 WP2	Project Assistant-II (PA-II)	2	3 Years Diploma in Metallurgy/Chemical Engg. or B. Sc. in Chemistry	NIL	Development of process for the recovery of selenium & tellurium		
		Project Associate-I (PAT-I)	1	B. Tech. in Metallurgy/Chemical Engg. or M.Sc. in Chemistry/Environmental Science	NIL			
16	GAP-0306	Project Associate-I (PAT-I)	1	M.Sc. in Chemistry	NIL	E-waste Recycling, Mission Mode		GROUP -F 16-10-2024
		Project Associate-II (PAT-II)	2	B. Tech. in Metallurgy/ Material Science and 2 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organization and Scientific activities and services.	NIL	E-waste Recycling, Mission Mode		
		Project Assistant-I (PA-I)	1	10 th Plus ITI (Fitter)	NIL	E-Waste Recycling		

17	NCP-080301	Project Associate –I (PAT-I)	1	B.E./B.Tech in Metallurgical/ Materials/ Mechanical Engg. or M.Sc. in Physics/ Chemistry	NIL	Development of Gas Atomized Iron Alloy Powders for Soft Magnetic Core Applications	GROUP –G 16-10-2024
18	SSP-1413	Project Associate –I (PAT-I)	1	B.E./B.Tech. in Metallurgical Engg./ Materials Engg. and Metallurgical/ Mechanical Engineering	NIL	Development of Wear-resistant Steel for Segment of Coal Sizer	
19	SSP-1390	Project Associate-II (PAT-II)	1	B. Tech. in Metallurgy and 2 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organization and Scientific activities and services.	2 years' experience in Creep deformation of high temperature alloys	Creep behaviours of different grades of stainless steel and Ni-based super alloys	
20	GAP-0302	Project Associate –I (PAT-I)	1	B. Tech. or B. E. in Mechanical/ Metallurgy Engg.	NIL	Intelligent Defect Detection and Classification technique for welded assembly	
21	GAP-0305 (WP-8)	Project Associate –I (PAT-I)	1	B. Tech in Metallurgy/ Metallurgical & Materials Engg.	NIL	Centre for Excellence in Wear and Corrosion Resistant Coatings Technology	
22	GAP-0305 (WP-1)	Project Associate-I (PAT-I)	1	M.Sc. in Chemistry/Physics/ Material Sciences or B. Tech. in Chemical/Electrochemical Engineering or Technology	NIL	Center for Excellence in Wear and Corrosion Resistant Coating Technology	
23	HCP-101	Project Assistant-I (PA-I)	1	SSC/10 th Plus ITI (Electrician)	NIL	Jigyasa 2.0 Programme: Virtual Lab Integration	
		Senior Project Associate (Sr. PAT)	1	M.Sc. in Chemistry/Biotech/ Environmental Science or B.Tech. in Chemical Engineering/ Metallurgical and Materials Engg. and 3 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organization and Scientific activities and services. or M.Tech. in Chemical engineering/ Metallurgical and Materials Engg./Material Science	NIL		
							GROUP –H 16-10-2024

24	GAP-0308	Senior Project Associate (Sr. PAT)	1	M.Sc. in Chemistry/Biotech/ Environmental Science or B.Tech. in Chemical engineering/ Metallurgical and Materials Engg. and 3 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organization and Scientific activities and services. or M.Tech. in Chemical engineering/ Metallurgical and Materials Engg./Material Science	NIL	Science Technology and Innovation hub in village Gamaria, Saraikella, Kharsawan Block, West Singhbhum Jharkhand	
25	MMP-015202	Project Associate-I (PAT-I)	1	M.Sc. in (Chemistry/Physics/ Environmental Science) or B.E/B.Tech. in (Chemical/Mechanical/ Metallurgy Engg.)	NIL	Technological intervention in the Dokra handicrafts for increased productivity, aesthetic and quality	
26	FTT-080512	Project Assistant-II (PA-II)	1	B.Sc. in Chemistry or 3 years Diploma in Metallurgy	NIL	"Extraction of Vanadium as High Pure V ₂ O ₅ & Ni Salts from Pet-coke/coal Cinders	GROUP-I 16-10-2024
		Project Associate-II (PAT-II)	1	M.Sc. in Chemistry or B. Tech in Metallurgy/ Chemical Engineering. and 2 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organization and Scientific activities and services.	NIL		
		Project Associate-I (PAT-I)	1	M.Sc. in Chemistry/ Environmental Science	NIL		

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

Level	Emoluments (Rs)	Upper Age Limit (as per the date of Interview/Test)	Remarks
Project Assistant-I (PA-I)	18,000/- + HRA	35	-
Project Assistant-II (PA-II)	20,000/- + HRA	35	-
Project Associate-I (PAT-I)	25000/- / 31000/-* +HRA	35	*candidates who have qualified National Eligibility Tests-CSIR- UGC /ICAR/ICMR NET including lectureship“(Assistant Professorship)” or GATE
Project Associate-II (PAT-II)	28000/- 35000/-* +HRA	35	Or Selected through National level examinations conducted by Central Government Departments like DBT/DST or equivalent their Agencies and Institutions
Senior-PAT	42000/-+HRA	40	Age Criteria as per CSIR norms.

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

Terms & Conditions:

1. The engagement of Project Staff which is on contract basis in respect of all the above positions 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./Instt. 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 six 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 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 the 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. Other terms & conditions will be governed as per guidelines issued by the funding agency/CSIR for the engagement of above Project Staff, as read with amendments(s) if any, thereto.
15. Interested eligible candidates, who are Indian national and fulfil the above eligibility conditions, may report between **09.00 AM to 11.00 AM on 15-10-2024 and 16-10-2024 (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 qualifications/age/caste/experience(s) and duly filled in application in the enclosed prescribed PROFORMA with a recent colour passport photograph pasted on it along with one self-attested copies of all relevant testimonials/certificates
16. 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.

Sd/-
Administrative Officer

16. Educational Qualifications:
(In chronological order)

Sl. No.	Examination/Degree	Board/University	Subject	Year of passing	Class/ Division	% Marks or CGPA
1						
2						
3						
4						
5						

16. GATE/NET(CSIR/UGC) Details (if any): _____

17. Details of work experience (if any):

Institution	Designation	Salary p.m.	From	To

18. If you are working or worked in CSIR-NML or any other CSIR Lab, please give details thereof:

CSIR Lab Name/ Division/Section	Position	Duration	
		From	To

19. If you are related to any CSIR employee, please give details thereof:

Name of the employee	Designation	Lab./Institute in which working	Your relation with the employee

I understand that the post applied for, by me is purely a temporary one and hereby declare that the statements made and information furnished in the application are true, complete and correct to the best of my knowledge & belief.

(Signature of Candidate)

Date:

Place:

Enclosures:

- 1.
- 2.
- 3.
- 4.
- 5.