



CSIR-NATIONAL METALLURGICAL LABORATORY

(Council of Scientific & Industrial Research)

JAMSHEDPUR - 831007



Advertisement No.: 01/2022

A Walk-In-Interview/Test will be held on 14-03-2022, 15-03-2022, 16-03-2022 and 22-03-2022 at CSIR-NML, Burmamines, Jamshedpur for drawing a panel of suitable candidates for engagement on purely temporary basis as Project Associate-I/Project Associate-II/Sr. Project Associate/Scientific Administrative Assistant/Field Worker/Project-SRF/Project-JRF/Project Assistants at different levels depending on the current and future requirements of various projects. Details are given below: -

Sl. No.	Project No.	Position/ Level	No. of Post	Educational Qualification and Experience	Desirable (if any)	Project Name	Walk-In- Interview Date
1	GAP - 276	Senior Project Associate	1	1. B. Tech in IE(Instrumentation Engineering)/ECE (Electronics & Communication Engineering)/EIE (Electronics & Instrumentation Engineering) and 2. Four year's experience in Research and Development (R & D) in Industrial & Academic Institutions Or Science & Technology Organizations and Scientific activities & Services.	Sensor development for SHM, IOT/industrial IOT, GUI development for process monitoring.	Development of Advanced NDE based Diagnosis and Prognosis Protocols for A-USC Power Plants.	GROUP A 14-03-2022
2	CLP - 192	Project Assistant	1	3 Years Diploma in IE (Instrumentation Engineering)/ECE (Electronics & Communication Engineering)/EIE (Electronics & Instrumentation Engineering)	One year work experience in the related field is preferable.	Development of process for real time temperature mapping of 4 faces of the billet mould using densely multiplexed Fiber Bragg Grating (FBG) sensors.	
3	HCP 101	Scientific Administrative Assistant /Field worker	3	B.Com(Accounts)/ B.Sc. / B.A.(Geography)	Experience in Digitization/ Facility management/ Field work/student-teacher interaction/Virtual Content Development.	CSIR Jigyasha Virtual Laboratory	GROUP B 15-03-2022
4	NWP 100	Project Assistant	1	BSc in Computer/IT	Experience/ qualification in management/ training coordination/ Excellent communication skills	CSIR Integrated Skill Initiative	

5	MLP 0010	Scientific Administrative Assistant	1	B.Com/BCA/ B.Sc. (Computer Science, IT, Software Engineering, Software Application, Data Science, Data Analytics)	I) Working knowledge in software application, Database management, Information search and analysis or (2) Diploma in Computer Application	Divisional Project of RPBD Division	GROUP B 15-03-2022
6	GAP 0284	Project Associate-I	1	M.Sc. (Physics, Geology, Material Science)/ B.Tech in Chemical, Electrical, Electronics, Computer Science, IT	Patent Agent/ Post Graduate diploma in Intellectual Property Right/ Management Course in IPR and working knowledge in IPRs	Management and operation of CSIR-NML Intellectual Property Facilitation Centre (IPFC) for MSME	
7	GAP 0282	Project Associate-I	1	B.E./B.Tech. in Chemical Engineering/Material Science/Nanoscience or M.Sc. in Chemistry.	Expertise in experimental work related to materials and /or energy storage	Structural engineering into 3D macroscopic architecture with hierarchical porosity for real application of energy storage devices	GROUP C 15-03-2022
8	HCP-36	Project Associate - I	1	M.Sc. in Chemistry/Materials Science/ Nanoscience & Nanotechnology or B.Tech. in Chemical Engineering	Experience in Electrodeposition and Corrosion Science	Replacement of Toxic Cadmium Coatings by Electrodeposited Al /Zn-Mn Coatings on High Strength Steels	
9	Ministry of Mines Project	Project Associate-I/ Project JRF	2	B.E./B.Tech in Chemical Engineering/ Metallurgy/ M.Sc. in Chemistry/ Environmental Science	(i) Previous experience/ publications in area of metal extraction/ separation (ii) GATE for Engineering & NET for Science Candidates	Recovery of Scandium from Tin Slag	GROUP-D 16-03-2022
10	GAP-0292	Project Associate-I / Project JRF	2	B.E./B.Tech. in Chemical Engineering/ Metallurgy/ M.Sc.in Chemistry	(i) Previous experience/ publications in area of metal extraction/ separation (ii) GATE for Engineering & NET for Science Candidates	Processing of Tin slag and Technological Extraction of Critical Elements for High strength low alloy steels	
11	GAP-0291	Project Assistant	2	3 Year Diploma in Metallurgy/ B.Sc. with Chemistry	Experience in R&D or Industry	Technology development at pilot scale for energy-efficient production of medium carbon ferromanganese in electric arc furnace	

11	GAP-0291	Project Associate-I /Project-JRF	2	B.Tech. (Metallurgy/Chemical)/ M.Sc. (Chemistry/ Environmental Science)	(i) Experience in R&D or Industry (ii) GATE for Engineering & NET for Science Candidates	Technology development at pilot scale for energy-efficient production of medium carbon ferromanganese in electric arc furnace	GROUP-D 16-03-2022
12	SSP-1205	Project Assistant	1	B.Sc in Chemistry	Nil	Evaluation of Grade of SECL mines	
		Project Assistant	1	B.Sc. in Chemistry	One year experience in Chemical testing laboratory		
13	STS-0009	Scientific Administrative Assistant	2	BCA	Minimum 5 year's experience in Office Assistant	-	
14	SSP-1228	Senior Project Associate	1	PhD in Chemistry	(i)Minimum 2 year's Post-Doctoral research experience (ii) Experience in SEM, TEM,and XRD Data Analysis.	Coal Characterization of Eastern Coalfields	
		Project Assistant	7	B.Sc. in Chemistry	Nil		
		Project Associate -II	1	(i) M.Sc. in Geology with (ii) Two year Experience in Coal petrography	Nil		
15	STS-0006	Project Associate -I	1	M.Sc. in Chemistry	One year experience in Chemical testing laboratory	-	
16	SSP-1207	Project Associate -I	1	M.Sc. in Chemistry	Nil	Coal Characterisation of Singareni collieries Dhanbad.	
17	SSP-1308	Senior Project Associate	1	(i) M.Sc.in Chemistry, and (ii) Four years experience in Chemical analysis of ores, minerals, ferro-alloys, steel etc.	Nil	Grade evaluation coal of ECL, Asansol	
							GROUP-E 16-03-2022

17	SSP-1308	Senior Project Associate	1	Ph.D in Chemistry/ Chemical Engineering/ Metallurgical Engineering.	4 year research experience in Coal Research	Grade evaluation coal of ECL, Asansol	GROUP-E 16-03-2022
18	SSP-1273	Scientific Administrative Assistant	1	Bachelor degree in (Chemistry/Law/ Management)	At least two-year experience of Office Assistant in R&D, Pilot/Industrial process development centre, knowledge of computer, knowledge of Hindi & English typing	E-waste (PCBs) recycling	
		Senior Project Associate	1	Ph.D. in Chemistry/Metallurgy/ Recycling	Ph.D. on recycling of wastes/ secondaries		
19	SSP-1274	Project- SRF/Project Associate-II	2	1. M.Sc. in Chemistry/ Environmental science or B.Tech. in Chemical Engineering and 2. Two years research experience and 3. One SCI publication (In case of SRF only)	Experience in hydrometallurgical extraction of metals from secondaries/ e-waste	E-waste (LIBs) recycling	
		Project Associate-I	1	M.Sc. in Chemistry/ Environmental science or B. Tech in Chemical Engineering	Nil		
20	SSP-1305	Senior Project Associate	1	Ph.D. in Chemistry/Metallurgy/ Recycling	Ph.D. on recycling of wastes/ secondaries	E-waste (LIBs) recycling	
		Project Assistant	2	B.Sc. in Chemistry or 3 Year Diploma in Mechanical	1 Year Minimum experience in the area of e-waste recycling		
21	SSP-1309	Senior Project Associate	1	1.M.Sc. in Chemistry/Metallurgy/ Recycling 2. Four years of research experience	1. Experience in recycling of wastes/ secondaries 2. Minimum Four SCI/SCI(E) Publications	E-waste (LIBs) recycling	
		Project- SRF/Project Associate-II	1	1. M.Sc. in Chemistry/ Environmental science or B. Tech in Chemical Engineering and 2. Two years research experience and 3. One SCI publication (In case of SRF only)	Experience in hydrometallurgical extraction of metals from secondaries/ e-waste		
							GROUP-F 16-03-2022

21	SSP-1309	Project Assistant	1	B.Sc. in Chemistry or 3 Year Diploma in Mechanical	Nil	E-waste (LIBs) recycling	GROUP-F 16-03-2022
		Project Associate I	1	M.Sc. in Chemistry/ Environmental science or B. Tech in Chemical Engineering	Nil		
22	SSP-1259	Project Assistant	2	B.Sc. in Chemistry Or 3 Year Diploma in Metallurgy/Chemical	Experience in Analysis of ores/minerals	Roasting & Hydro-metallurgical Processing of Coal Slag	GROUP-G 16-03-2022
23	SSP-1302	Project Associate-I	1	M.Sc. in Chemistry/Materials Science	Experience in hydrometallurgical extraction of metals	Demonstration of Process for Large Scale Production of Electrolytic Manganese Metal (EMM)	
		Project Associate-II	1	M.Sc. in Chemistry/ BE or B.Tech. in Metallurgical/Chemical Engineering and 02 years of experience in hydrometallurgical extraction of metals/analysis of metals by AAS/ICP etc.	Nil		
24	HCP030 WP1	Project Assistant	2	3 Years Diploma in Metallurgical Engineering	Nil	Development of Mg/Zn based biodegradable implants for orthopaedic applications	GROUP-H 22-03-2022
25	SSP 1306	Project Associate-II	1	(1) B.Tech. / B.E. in Mechanical/ Metallurgical Engineering. and (2) Minimum 2 years Experience in microstructural characterization and mechanical testing of materials (uniaxial tensile, Charpy Impact, Hardness etc.)	Nil	Microstructural and mechanical health assessment of centre buffer coupler parts	
		Project Associate-I	1	B.Tech. / B.E. in Mechanical/ Metallurgical Engineering	Nil		
26	SSP 1280	Project Assistant	2	3 years Diploma in Mechanical/ Metallurgical Engineering	Minimum 2 years experience in metallographic sample preparation, mechanical testing of materials (uniaxial tensile, Charpy Impact etc.)	Material Evaluation and Health Assessment of Centre Buffer Coupler parts	

27	STS 0005	Project Assistant	1	3 Years Diploma in Metallurgical Engineering / Materials Engineering	Working experience in operation and maintenance of scanning electron microscope (SEM)	Scientific and Technical Services of Materials Engineering Division	GROUP-H 22-03-2022
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Upper age limit (as on date of Interview) & Emolument details:

Level	Emoluments (Rs)	Upper Age Limit	Remarks
Scientific Administrative Assistant/Field Worker	18000/- +HRA	50	-
Project Assistant	20000/-+HRA	50	-
Project Associate-I	25000/- / 31000/-* +HRA	35	*candidates who have qualified National Eligibility Tests-CSIR- UGC NET including lectureship“(Assistant Professorship) or GATE Or Selected through National level examinations conducted by Central Government Departments and their Agencies and Institutions
Project Associate-II	28000/- / 35000/-* +HRA	35	
Senior Project Associate	42000/-+HRA	40	
Project-JRF	31000/-+HRA	28	As per guidelines of funding agencies
Project-SRF	35000/-+HRA	32	As per guidelines of funding agencies

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 & Conditions:

- Upper Age limit as on date of Walk-in-Interview is relaxable for five years in the case SC/ST/OBC/Women/Persons with Disabilities (PWD).
- Tenure of appointment in CSIR-NML under one or more projects will be co-terminus with the tenure of the respective projects.
- All of the above positions are purely temporary and on contract basis. It would, therefore, not confer any right/claim, implicit or explicit, for consideration/absorption against any Permanent post of CSIR-NML/CSIR.
- Hindi may be used as a medium of conversation during the interview.
- The Government strives to have a workforce that reflects gender balance, and women candidates are encouraged to apply.
- Interested eligible candidates, who are Indian national and fulfill the above eligibility conditions, may report between 09-00 AM to 11-00 AM from 14-03-2022 to 16-03-2022 and 22-03-2022 for Walk-in-Interview at **CSIR-NML, Burmamines, Jamshedpur-831007 (Jharkhand)** with all certificates/documents in original in support of their qualifications/age/caste/experience(s) and duly completed 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
- 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. Hence, the candidates who will qualify the written test will be eligible to appear in the interview.
- The candidates are advised to fill up the information in the prescribed Proforma carefully and correctly.
- Any false information may lead to ban in appearing any future recruitment / engagement process in CSIR-NML and the same may be informed to other CSIR labs/Institutes, other Government Organizations/Agencies also

10. The number and levels of positions may increase or decrease at the time of actual selection or may be cancelled also. 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 incumbent(s) any claim, implicit or explicit on any CSIR/CSIR-NML post.
11. All candidates will be required to follow COVID Guidelines issued by the Govt. and also required to wear mask/face covers, at all times during the interview process.
12. Candidates are advised to constantly keep on visiting CSIR-NML Website at www.nmlindia.org for anyupdate/change in the matter.

Administrative Officer

GROUP: -
PROJECT NO.: -

CSIR-NATIONAL METALLURGICAL LABORATORY
(Council of Scientific & Industrial Research)
Jamshedpur-831007

APPLICATION FOR ADVT.NO. 1/2022

Self attested
recent
colour
passport

1. Advertisement No. : 1/2022 (WALK-IN-INTERVIEW/TEST)
2. Post applied for : Project Associate-I/II/Sr. Project Associate
Scientific Administrative Assistant/Field Worker/
Project-SRF/Project-JRF/Project Assistant
3. Name : _____
4. Father's Name : _____
5. Nationality : _____
6. Date of Birth : _____
7. UID/Aadhar No. : _____
8. Age as on : _____ Year _____ Month _____ Days
Date of Walk-In-Interview
9. Category : _____
(UR/EWS/SC/ST/OBC/PH)
10. E-mail address : _____
11. Ph. No./Mob. No. : _____
12. Correspondence : _____
Address

13. Permanent Address : _____

14. Educational Qualifications:
(In chronological order)

S N	Examination/Degree	Board/University	Subject	Year of passing	Class/ Division	% Marks or CGPA
I						
II						
III						
IV						
V						

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

16. Details of work experience (if any):

Institution	Designation	Salary p.m.	From	To

17. If you are working in CSIR-NML, please give details thereof:

Division/Section	Position	Date of Joining

18. 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)

Enclosures:

- 1.
- 2.
- 3.

Date:

Place: