CSIR-NATIONAL METALLURGICAL LABORATORY

(Council of Scientific & Industrial Research)

JAMSHEDPUR - 831 007

Advertisement No.: 03/2021

On- line interview will be held at CSIR-NML, Burmamines, Jamshedpur for drawing a panel of suitable candidates for engagement **on purely temporary basis** as Project Staff at different levels depending on the current and future requirements of various projects. Details are given below:-

Post Code	Project No.	Position/Level	No. of Positions	Educational Qualification and Experience	Desirable (if any)	Project Name
1.	HCP28-WP2 Pratima Meshram	Project Associate-I	3	MSc in Environmental Science/Chemistry Or B.Tech in Chemical/Metallurgy/Mechanical Engineering/Environmental Engineering	Experience in hydro/pyro/electrometallurgy	Extraction of critical metals from used lithium ion batteries
2	Pratima Meshram (DST Project)	Project Associate-I	2	MSc in Environmental Science/Chemistry Or B.Tech in Chemical/Metallurgy/Mechanical Engineering/Materials/ Environmental Engineering		Recycling of spent batteries for high end applications
3	TMP-0230 H N Bar	Project Associate-II	1	B.Tech in Metallurgical/Mechanical Engineering With 2 year experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organisations and Scientific activities and services.	Mechanical Behavior of Materials	Preliminary Fatigue Crack Growth Rate & Fracture Toughness Evaluation at High Temperature

4	SSP-1267 H N Bar	Project Assistant	1	3 Years Diploma in Mechanical Engineering		Fatigue Behaviour of Primary Piping/Vessel Materials of Indian NPPS Under Multi Axial Cycling Condition.
5	(GAP-0286) Biraj Kumar Sahoo	Project Associate-I	1	B.Tech/B.E., Metallurgical Engineering/Materials Engineering/ Metallurgical and Materials Engineering	Working experience in lab-scale heat treatment, mechanical testing, and characterization, Valid GATE Score	Effect of processing parameters on cryo impact properties of cast alloys" (Grant-in-aid project)
6	Abhilash (GAP-0283)	Project Associate-I/Project – JRF	2	B.E./B.Tech (Metallurgy/Materials Engineering)	GATE/CSIR-NET/UGC-NET qualified/ M.Tech in Metallurgy/ Materials Engineering) Experience in hyfro/pyro processing of ores/tailings	Development of process for extraction of rare earth elements from chemical and metallurgical wastes
7	Abhilash (Indo-Portugal Project)	Project Associate-I Project – JRF	2	BE/BTech (Metallurgy/Chemical Engineering/Environmental Engineering) Or M.Sc. in Chemistry/Environmental Science/Biotechnology	GATE/CSIR-NET/UGC-NET qualified/ Research Experience in nonferrous extractive Metallurgy/ WEEE processing	Development of integrated process in E waste Recycling
8	Abhilash (NITI AAYOG Project)	Project Associate-I	4	BE/B.Tech in (Metallurgy/Chemical Engineering Or MSc. Chemistry	Experience in hydro/pyro processing of ores/tailings	Technology development for holistic utilization of red mud for extraction of metallic values & residue utilisation
		Project Assistant	1	B.Sc Chemistry	Experience in the area of chemical analysis (Conventional/ICP-OES/XRF/AAS)	

9	Abhilash (SAIL-RDCIS Project)	Project Associate-I	1	MSc. (Environmental Science/ Biotechnology)	Experience in metal-microbe interactions	Corrosion Analysis in Rail Steel
10.	SSP-1270 Krishna Guguloth	Project Associate-II	1	B.Tech in Metallurgy With 2 year experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organisations and Scientific activities and services.		
11	SSP-1262 Rupa Das Biswas	Project Assistant	1	BSc. Chemistry	MSc in Chemistry	Bench Scale Study
12	SSP-1257 Rupa Das Biswas	Project Associate-I	1	M.Sc. Chemistry		
13.	STS 0006 Arvind Kumar Upadhyay	Project Associate-I	1	M.Sc. in Chemistry	Inorganic Chemistry preferred	(For provision of funds) CRM Service activity of National Metallurgical Laboratory STS 0006
		Project Associate-II	1	M.Sc. in Chemistry Plus 2 Years experience		
14	GAP-0284 S K Pal	Scientific Administrative Assistant	1	BCA Or BE/BTech		Data entry and database management, data analytics and reports preparation
15	GAP-0285 S K Nath	Project JRF/ Project Associate-I	2	B.Tech in Metallurgy/Materials/Chemical/Ceramics Or MSc. In Chemistry/Geology	GATE/CSIR-NET/UGC-NET qualified/ Experience in metal extraction and/ or metallurgical waste utilization	
16	SSP-1237 A K Mohanty	Project Assistant	1	3 Years Diploma in Mechanical Engineering	Experience in sample preparation for XRF instrument	
17	SSP-0009 (Sanchita)	Project Assistant	1	BSc. In Chemistry		
18	SSP-1205	Project Assistant	2	BSc. In Chemistry	1 year	

	(Sanchita)				experience in coal analysis	
19	SSP-1266 (Sanchita)	Project Associate-I	1	MSc in Environmental Science	1 year experience in Chemical analysis	
20	STS-0009 (Sanchita)	Project Assistant	2	BSc. In Chemistry		
21	SSP-1237 (Sanchita)	Project Associate-I	1	B.Tech in Chemical Engineering		
22	SSP-1261 (Sanchita)	Project Associate-II	1	Msc. In Chemistry With 2 year experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organisations and Scientific activities and services.	experience in chemical analysis & Knowledge of NABL	
23	FTC-0014 or e-waste recycling project (MKJ)	Project Assistant	04	B.Sc. Chemistry or Diploma in Mechanical/ Glass blowing		Urban Ore Recycling Centre (UORC)
		Project Associate-I	02	M. Sc. Chemistry/ Environmental Sci. Or B. Tech Chemical/ Computer Sci.		
		Scientific Administrative Assistant	01	Bachelor degree in any Discipline	At least one year experience of Office Assistant OR Knowledge of plant designing	
24	SSP-1273 or e-waste recycling project (MKJ)	Project Assistant	01	B.Sc. Chemistry		Urban Ore Recycling Centre (UORC)
		Project Associate-I	01	M. Sc. Chemistry/ Environmental Sci. Or B. Tech Chemical/ Computer Sci.		
25	SSP-1274 or e-waste recycling project (MKJ)	Project Assistant	01	B.Sc. Chemistry		Urban Ore Recycling Centre (UORC)
		Project Associate-I	01	M. Sc. Chemistry/ Environmental Sci.		

				Or B. Tech Chemical/ Computer Sci.		
26	SSP-1259 D Mishra	Project Assistant	02	BSc in Chemistry		Roasting and hydrometallurgical Treatment of Coal Slag, sponsored by Reliance Industries Ltd., Mumbai
		Senior Project Associate	01	PhD in Chemistry/Environmental Science/Materials Science with		
27	Women Technology Park GAP-0288 (Mita Tarafder)	Project Co-ordinator-II	01	Master's Degree in Mechanical/Metallurgy/Materials Sc./IT/Computer Sc./Electronics	Masters in Business Administration (MBA)	
		Project Associate-II		B.Tech Degree in Mechanical/Metallurgy/Materials Sc./IT/Computer Sc./Electronics With 2 year experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organisations and Scientific activities and services.		
		Scientific Administrative Assistant/ Field Worker	02	B.Sc.	Experience in Videography, Graphics Designing, AR or VR	
28	NWP 100 (Mita Tarafder)	Project Scientist-II	1	MTech. In Metallurgy/Materials Engineering/Mechanical Engineering with 3 years' experience in research and development in Industrial and Academic Institutions or Science and Technology Organisations and Scientific activities and services	PhD and Experience in skill development and entrepreneurship management activities	
		Field Worker	1	Graduate in any discipline	Experience in field work	
		Project Associate-II	1	Masters in Natural Science/ Environmental	Experience in	

				Management or B.Tech in Computer Science/IT With 2 year experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organistions and Scientific activities and services.	skill development and entrepreneurship management activities	
29	HCP 101 (Mita Tarafder)	Project Assistant	1	BSc in Computer Science/IT	Experience in data management	
30	SSP-1280 (Snehashish Tripathy)	Project Assistant	1	3 Years Diploma in Mechanical Engineering	One year experience in metallographic sample preparation or mechanical testing of materials.	
31	Tata Steel project (Navneet Randhawa)	Project Assistant	1	3 Years Diploma in Metallurgy OR B.Sc Chemistry	Experience in metal extraction/waste utilization work	
32	TMP-0231 (Shobhana Dey)	Project Associate-II	1	B.Tech in Chemical/Electrical/ Metallurgy With 2 year experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organistions and Scientific activities and services.	GATE qualified in Chemical/Electrical/ Metallurgy	
		Project Assistant	1	B.Sc. in Physics/Chemistry/Maths	M.Sc	
33	GAP-0289 (Asit Panda)	Project Associate-II	1	M.Sc. In Chemistry With 2 year experience in Research and		Development of simple, cost-effective and scalable spray drying based

				Development in Industrial and Academic Institutions or Science and Technology Organisations and Scientific activities and services.		synthetic strategy for inorganic nanostructured materials.

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 Scientist-I	56000/-+HRA	35	
Project Scientist-II	67000/-+HRA	40	
Project-JRF	31000/-+HRA	28	As per guidelines of funding agencies
Project-SRF	35000/-+HRA	32	As per guidelines of funding agencies
Project Co-ordinator	35,000/-+HRA	35	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:

1. **Age relaxation** 5 years in case of SC/ST/OBC/PWD and Women candidates.
2. Tenure of appointment in CSIR-NML under one or more projects will be co-terminus with the tenure of the respective projects
3. 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.
4. Hindi may be used as a medium of conversation during the interview.
5. The Government strives to have a workforce that reflects gender balance, and women candidates are encouraged to apply.

6. Date & Time of Interview (Online): will be notified through e-mail.

7. Registration (Online): Candidates applying against the above Post Codes are required to register on-line (For details, please visit CSIR-NML website). The online registration opens at 09:00 a.m. on 11-09-2021 and close at 06:00 p.m. on 21-09-2021.

8. If the number of candidates registered online for Interview is very high, then the Candidates will be shortlisted by a screening committee based on academic qualification and/or experience. In case of short listing is done by screening committee, then the committee will adopt its own criteria for bringing down the number of candidates to be called for interview. All shortlisted candidates will be provided link for attending the interview which will be held through online mode (SKYPE/Google Meet/MS Team/video conference etc). The link will be provided separately.

9. The candidates are advised to fill up the information in the online registration from carefully and correctly. All the certificates to be uploaded as single PDF [not more than 3 MB] in the application.

10. 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 Organisations / agencies also

11. 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.

Candidates are advised to constantly keep on visiting CSIR-NML Website at www.nmlindia.org for any update/change in the matter.

Controller of Administration

CLICK HERE TO APPLY → http://hrg.nmlindia.org/ps2021/