



CSIR-NATIONAL GEOPHYSICAL RESEARCH INSTITUTE

UPPAL ROAD, HYDERABAD – 500 007

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Advertisement No. NGRI-3/2020/PA/Rectt. Dated 15.09.2020

The CSIR-NGRI, Hyderabad desires to fill up the following positions of Project staff:

Post Code	Project No	Project Duration	Position / Level	No. of Positions(s)	Educational Qualification	Experience	Desirable (if any)	Job requirements
1.	MLP-6402-28(PK)	^	Project Associate – I	3	A) M.Sc./ M.Sc. Tech in Geophysics/ Applied Geophysics		Seismic data analysis, modelling and interpretation	
			Project Associate – II		A)M.Sc./ M.Sc. Tech in Geophysics/ Applied Geophysics B) 2 years' experience in Seismic Methods			
2			Project Scientist – I	1	A)Ph.D. in Geophysics	Seismological data collection, processing & modelling	Research Publications in SCI Journals	
3.	MLP-6406-28(EVB)	^	Project Associate – I	4	A)M.Sc./ M.Sc. Tech. in Geophysics/ Applied Geophysics		Collection, processing and modelling of geophysical data	
			Project Associate – II		A)M.Sc./ M.Sc. Tech. in Geophysics/ Applied Geophysics B) 2 years of experience in relevant area			
4.	MLP-6404-28(AM)	^	Project Associate – I	6	A)M.Sc./ M.Sc. Tech in Geophysics/ Applied Geophysics		Collection, processing and modelling of geophysical data	
			Project Associate – II		A)M.Sc./ M.Sc. Tech in Geophysics/ Applied Geophysics B) 2 years of experience in relevant area			
5.			Project Scientist – I	4	A)Ph.D. in Geophysics		Research Publications in SCI Journals	

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6.	MLP-6401-28(DSN)	^	Project Associate – I	9	A)M.Sc./ M.Sc. Tech. in Geophysics/ Applied Geophysics		Collection, processing and modelling of geophysical data	
			Project Associate – II		A)M.Sc./ M.Sc. Tech. in Geophysics/ Applied Geophysics B) 2 years of experience in relevant area			
7.			Project Scientist – I	2	A)Ph.D. in Geophysics		Research Publications in SCI Journals	
8	MLP-6402-28(NV)	^	Project Associate – I	1	A)Masters in Geophysics		Seismic data processing/ modelling/ Algorithm development	
9	MLP-6405-28(APS)	^	Project Scientist – I	1	A)Ph.D. in Geophysics	Hydrological data analysis using satellite data	Research Publications in Hydrological studies using Satellite data	
10.	SSP-782-28(HVS)	June 2021	Project Associate – I	1	A)M.Sc./ M.Sc. Tech. in Geophysics			Seismic field data acquisition and processing
11	SSP-829-28(HVS)	January 2022	Project Associate – I	1				Seismological data processing
12	SSP-836-28(HVS)	December 2021	Project Scientist – I	1	A)Ph.D. in Geophysics		Minimum Two years of seismic data acquisition, processing for site characterization in earthquake hazard studies	Handling of bulk seismic data, analysis, processing & report writing
			Project Scientist – II		A) Ph.D. in Geophysics B) 3 years of experience in relevant area			

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13.	GAP-329-28 (KS/MO)	March 2021	Project Associate – I	2	A) M.Sc./ M.Sc. Tech. in Geophysics			Seismic Data Processing/modelling/inversion/machine-learning
14			Project Scientist – I	1	A) Ph.D. in Geophysics		Coding in Fortran/ Matlab and seismic inversion	Seismic data processing and inversion using Machine learning
15.	GAP-839-28(SC)	02 June 2021	Project Associate – I	2	A) M.Sc./ M.Sc. Tech. in Geophysics			Ground and airborne geophysical data collection, processing, interpretation
			Project Associate – II		A) M.Sc./ M.Sc. Tech. in Geophysics B) 2 years of experience in the field of groundwater, processing and interpretation of airborne TEM data for groundwater			
16			Senior Project Associate	1	A) M.Sc./ M.Sc. Tech. in Geophysics B) 4 years' experience in the field of groundwater as well as processing and interpretation of airborne TEM data for groundwater Or A) Ph. D. in Geophysics			Heliborne TEM surveys-QC/QA, processing and interpretation and report writing
17.	GAP-812-28(LR)	April 2022	Project Associate – I	1	A) M.Sc./ M.Sc. Tech. in Geophysics / Applied Geophysics			Acquisition of field and laboratory data in Thermal Geophysics/Hear flow. Analysis and interpretation of the thermal data. Determination of upper mantle thermal structure from shear wave velocity

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18.	GAP-816-28(VMT)	March 2022	Project Associate – I	1	A) Masters in Geophysics		Satellite and ground based hydrological data analysis and modelling	Data acquisition, Processing and Interpretation of GPS and space borne Gravimetry
19.	GAP-814-28(SSG)	03 January 2022	Project Associate – I	1	A) Masters in Geophysics/Earth Sciences/Physics		Basic knowledge of programming	To conduct integrated research including gravity, seismic modeling and inversion, algorithm developments for the understanding of deep subsurface structures associated with gravity lows
20.	MLP-6406-28(EVB)	^	Project Associate – I	1	A) M.Sc. in Geology/ Geochemistry		Rock sample collection, analysis and interpretation	
			Project Associate – II		A) M.Sc. in Geology/ Geochemistry B) 2 years of experience in relevant area			
21			Project Scientist – I	1	A) Ph.D. in Geology/ Applied Geology/ Geochronology/ Geochemistry/Applied Geochemistry		Research Publications in SCI Journals	
22.	MLP-6404-28(AM)	^	Senior Project Associate – I	1	A) M.Sc in Geology / Applied Geology / Geochronology / Geochemistry B) 4 years of experience in the relevant field		Rock Sample Collection, analysis and interpretation	
23.	STS-9910-28(GIS)	Till March 2021	Project Associate – II	1	A) M.Sc. in Geology/ Applied Geology B) 2 years of experience in RS/ GIS		Basic knowledge of RS and GIS	

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24	MLP-6406-28(DSS)	^	Project Associate – I	1	B) M.Sc. in Geology/ Applied Geology / Geochemistry	Experience in different samples preparation methods and HR –ICP - MS analysis		
			Project Associate – II		C) M.Sc. in Geology/ Applied Geology / Geochemistry D) 2 years of experience in relevant area			
25	GAP-839-28(SC)	02 June 2021	Senior Project Associate	1	A) M.Sc. in Geology/ Applied Geology B) 4 years' experience in the field of hydrogeology, hydrogeological modelling, management, recharge, etc. Or A) Ph. D. in Geology			Preparation of thematic map on GIS platform, hydrogeological data collection, processing, interpretation and report writing
26	MLP – PME	^	Project Scientist – I	5	A) Ph.D in Geology / Geophysics / Hydrology or related subjects			
27	SSP-782-28(HVS)	June 2021	Project Assistant	1	A) 3 years Diploma in Electronics & Communication			Geophysical Data Acquisition
28	SSP-829-28(HVS)	January 2022	Project Assistant	1	A) 3 years Diploma in Electronics/ Electrical Engineering			Field duties and processing of seismological data
29.	STS-9909-28(DC&KN)	^	Project Associate – II	1	A) B. Tech in Computer Science/IT or equivalent B) 2 years' experience in relevant area		Software development JAVA, PHP, Website handling, Data center and server maintenance, databases etc	
30.	SSP-836-28(HVS)	December 2021	Project Associate – I	1	A) B.E or B.Tech in Mechanical Engineering		1-year experience in operation and maintenance of mechanical equipment for scientific projects	Field related jobs in Seismic data acquisition & operation and maintenance of equipment

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31.	MLP-6408-28(HVS)	^	Project Associate – I	1	A) Master's Degree in Physics.		Experience in Electromagnetic Theory / Mathematical modelling and Simulations.	
			Project Associate – II		A) BE or B. Tech in Electronics / Communication / Instrumentation B) 2 years of experience in Analog / digital circuits / PCB / schematic and experience in R&D / sensor design			
32			Project Scientist – II	1	A) M. Tech. in VLSI SYSTEMS DESIGN equivalent B) 3 years' experience in Analog circuit /EM sensor electronics design, simulation / Testing of schematic designs /PCB / schematic designs		To carry out Analog circuit /sensor electronics design, simulation, and layout, component selection, tape-out of circuit design and Characterization/ Testing of schematic designs	
33.	SSP-801-28(AM)	March 2023	Project Associate – I	2	A) B.E/B. Tech in ECE/ E&I/ Electronics/Instrumentation		Experience in the field of Analog & Digital circuit design, instrumentation embedded systems	Maintenance, testing and calibration of geophysical instruments and to participate in heliborne geophysical surveys anywhere in India
			Project Associate – II		A) B.E/B. Tech in ECE/ E&I/ Electronics/Instrumentation B) 2 years' experience in relevant field			

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34.	GAP-831-28 (PSK)	March 2022	Project Associate – I	1	A) B. Tech. / B.E. in Geoinformatics		Expertise in satellite image processing, analysis of digital terrain model and GIS applications	To study Chandrayaan-1 satellite images and digital terrain models obtained from the Moon for understanding lunar geological processes
35	SSP-830-28(DSN)	August 2022	Project Scientist – II	1	A) M. Tech /M.S./M.E. in Civil Engineering B) 3 years' experience in Seismic Hazard Analysis			Ground Motion Characterizations and Site Characterization, Finite Element Modeling (FEM), Liquefaction Analysis, Settlement & stability of linear systems
36.	STS-9902-28 (PME)	^	Scientific, Administrative Assistant	1	A) Graduate degree		Experience in content writing	

^ Duration of these positions may be considered initially for one year and extendable for the project duration based on the receipt of sanction letter about the new projects from CSIR.

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

Level	Emoluments (₹.)	Upper Age Limit	Remarks
Scientific Administrative Assistant	18000/-	50	-
Project Assistant	20000/-	50	-
Project Associate-I	25000/- / 31000/-*	35	* candidates who have qualified National Eligibility Tests – CSIR-UGC NET including lectureship (Assistant Professorship) or GATE.
Project Associate-II	28000/- / 35000/-*	35	
Senior Project Associate	42000/-	40	
Project Scientist – I	56000/-	35	
Project Scientist – II	67000/-	40	

Interested candidates (Indian Nationals only) fulfilling the criteria towards age, education qualifications etc. as detailed above may appear for Interview 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. **Date & Time of Interview (Online)** : will be notified shortly.
3. Registration (Online): Candidates appearing for Interview against the above Post Codes are required to register on-line (For details, please visit CSIR-NGRI website). **The online registration opens at 10:00 a.m. on 16.09.2020 and closes at 06:00 p.m. on 25.09.2020.**
4. 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 to be called for interview. All shortlisted candidates will be provided link for attending the interview which will be held **through video conference**. The link will be provided separately.
5. 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 10 MB] in the application.
6. Any false information may lead to ban in appearing any future recruitment / engagement process in CSIR - NGRI and the same may be informed to other CSIR labs/Institutes, other Government Organisations / agencies also.
7. 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 Project, 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/NGRI post.

Sd/-
(M. Ananda Kumar)
Administrative Officer