CSIR-NATIONAL GEOPHYSICAL RESEARCH INSTITUTE
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CSIR-NGRI Notification No. PA - 02/2024 Dated 24.06.2024

Addendum dated 29.07.2024

The following positions are also included hereby:

Sl. No.	Post Code	Date of Interview	Project No & Project Duration	Title of the Project	Position / Level	No. of Position(s)	Essential Qualification	Desirable (if any)	Job requirements
17.	K	09.08.2024	GAP-893-28(DSS) May, 2027	Proterozoic mantle evolution: Dharwar and Bastar connection	Project Associate-II	01	i) M.Sc. / M.Sc. Tech in Geology / Applied Geology / Earth Sciences / Geochemistry / Applied Geochemistry ii) 2 years' experience in field geology, clean chemical laboratory practices, petrology	Experience in the field geology, clean chemical laboratory practices, petrology	Fieldwork for the collection of samples, preparation of rock samples for major, trace element geochemical analysis and Sr-Nd isotopic analysis
18.	L	20.08.2024	CSPS24/RDSF/NGRI /IHP24/01 March, 2026	Improvements and error analysis of continuation techniques of potential field method in geophysics	Project Associate-I	01	M.Sc. / M.Sc.Tech / M.Sc. (Tech) in Geophysics / Applied Geophysics / Marine Geophysics	Good Knowledge of mathematical geophysics and potential theory	i) Land & Satellite based Gravity & Magnetic data processing ii) Developing continuation techniques for potential field data
					Project Associate-II		i) M.Sc. / M.Sc.Tech / M.Sc. (Tech) in Geophysics / Applied Geophysics / Marine Geophysics ii) 2 years' experience in Gravity / Magnetic Data Processing & Python programming		

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19.	M	22.08.2024	CSPS24/RDSF/NGRI/IHP24/07 March, 2026	Paleomagnetic, Rock magnetic and Paleo-intensity investigations of rift-related mafic suites of Panjal Taps: Implications to Early Permian Gondwana separation	Project Associate-I	01	M.Sc. / M.Sc. Tech / M.Sc. (Tech) in Geophysics / Applied Geophysics	Experience in field work, any software skills related to Geological Mapping	Field work, laboratory measurements and Paleomagnetic data processing
20.			CSPS24/RDSF/NGRI/IHP24/03 March, 2026	Application of bottom hole temperature of the oil well to determine heat flow and thermal structure and its implication in seismogenesis: A case study from Kachchh basin, India	Project Associate-I	01	M.Sc. / M.Sc. Tech / M.Sc. (Tech) / MTech / M.S./ Integrated in Geophysics / Applied Geophysics / Marine Geophysics / Exploration Geophysics	----	Acquisition of thermal data through field and laboratory measurements, analysis and thermal modelling
21.			CSPS24/RDSF/NGRI/IHP24/04 March, 2026	Delineration of Basemental mineralization target areas in mangalwar complex, Rajasthan – Through advances airborne interpretation techniques	Project Associate-I	01	M.Sc. / M.Sc. Tech / MTech in Geophysics / Applied Geophysics	Analysis of Airborne Electro Magnetic and Magnetic data acquisition, processing and modelling	Analysis of Airborne Electro Magnetic and Magnetic data acquisition, Processing and Modelling
22.			CSPS24/RDSF/NGRI/IHP24/05 March, 2026	Development of Machine Learning tools for quantitative Reservoir Characterization	Project Associate-I	01	M.Sc. / M.Sc. (Tech) / M.Sc. Tech / M. S / MTech / Integrated M. Tech in Geophysics / Applied Geophysics / Marine Geophysics / Exploration Geophysics / Earth Science / Geophysical Technology / Geological Technology/ Mathematics	Experience in programming languages (MATLAB / Python)	To do work on Machine Learning for Reservoir Characterization

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23.			CSPS24/RDSF/NGRI /IHP24/06 March, 2026	Early Magnitude estimation for earthquake Hazard Assessment	Project Associate-I	01	M.Sc. / M.Sc. Tech / M.Sc. (Tech) / MTech in Geophysics / Applied Geophysics / Earth Sciences	i) Knowledge of seismology and basics of seismic hazards. ii) Knowledge of programming languages like Python / MATLAB and SAC (Seismic Analysis Code) iii) Qualified in NET (LS) / GATE	Seismological data processing, data refining, archiving, programming and code development
24.	M	22.08.2024	CSPS24/RDSF/NGRI /IHP24/08 March, 2026	Probabilistic Ground Motion Modeling for Marsquakes	Project Associate-I	01	M.Sc. /M.Sc. (Tech) / M.Sc. Tech/ Integrated MTech in Geophysics / Applied Geophysics / Exploration Geophysics	i) Experience in simulation of seismological data ii) Knowledge of programming languages (Fortran / Python / MATLAB etc.)	Marsquake seismological data analysis, Modeling and Inversion
25.			SSP-889-28(PK) December, 2026	Deep & MT survey along churu, Rajasthan to Tikamgarh, M.P., Northern Transect, under the project UNCOVER to study the crustal architecture and mineral system underneath the cover sediments.	Project Associate-I	02	M.Sc. / M.Sc. (Tech) / M.Sc. Tech / M. S / Integrated MTech in Geophysics / Applied Geophysics / Marine Geophysics / Exploration Geophysics / Earth Science / Geophysical Technology	Knowledge of programming language skills (Python, MATLAB etc.)	MT data acquisition, MT data processing, Analysis and Interpretation.
26.			GAP-861-28(TA) October, 2024	Carriers of mass transport contamination in the unsaturated zone of the Ghazipur landfill site of Delhi, NCR	Project Associate-I	01	M.Sc./ M.Sc. (Tech) / M.Sc. Tech / M. S / Integrated MTech in Geophysics / Applied Geophysics / Marine Geophysics / Exploration Geophysics / Physics / Earth Sciences / Geophysical Technology	i) Qualified in NET (LS) / GATE ii) Mathematical skills in handling geophysical dataset	Geophysical data processing and groundwater modelling

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27.	N	27.08.2024	CSPS24/RDSF/NGRI/IHP24/02 March, 2026	Implementing an Integrated Hydrologic Modeling Framework for Ground water Drough Assessment in the Godavari Basin, India	Project Associate-I	01	M.Sc. / M.Sc. (Tech) / M.Sc. Tech / MTech / M.S in Earth Sciences / Water Resources / Hydrology / Hydrogeology / Geoinformatics / Remote Sensing and GIS/ Geophysics	i) Knowledge in surface and groundwater hydrology, hydrologic modeling, remote sensing, GSI and time series analysis. ii) Proficiency in Google Earth Engine (GEE) / Python / MATLAB iii) Knowledge of surface and groundwater hydrology, hydrologic modeling, and remote sensing.	To work on integrated hydrologic modeling of surface and groundwater resources using remote sensing data and in-situ observations

Note: The candidates who are not able to attend the Walk-in-Interview on the above mentioned dates, they are required to send an email to career@ngri.res.in with the subject line 'Notification No. PA-02/2024 read with Addendum dated 29.07.2024, request for appearing online interview, Postcode:_____.' to appear for online interview with valid reasons and attach all the certificates of educational qualifications, age, caste (in case of SC/ST/OBC/ EWS candidates), experience (if any) in the order wise in single pdf along with the filled in application form on or before **05.08.2024**.

The other contents of the said advertisement shall remain the same.

Sd/-
Administrative Officer