

Website: www.ngri.org.in Email: career@ngri.res.in Phone No. 040 2701 2374

CSIR-NGRI Advertisement No. NGRI-4/2021/PA/Rectt. Dated 07.05.2021

The following Project staff positions are to be filled at this Institute:

| Sl. No. | Post Code | Project No | Project Duration | Position / Level | No. of Position(s) | Essential Qualification | Desirable (if any) | Job requirements |
|---------|-----------|--------------------------|------------------|-------------------------------------|--------------------|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 1. | A. | STS-9902-28 | 3 years | Scientific Administrative Assistant | 2 | B.Com Degree | Knowledge in handling various accounting works / GST matters / ERP | Handling various accounting works / GST matters / ERP |
| 2. | B. | STS-9902-28 | 3 years | Project Assistant | 1 | B.Sc Degree | i) MBA with Diploma in Project Management ii) Experience in working on Project Management related works | To assist in Project Management and allied issues |
| 3. | C. | SSP-835-28 / STS-9902-28 | December 2021 | Project Assistant | 1 | B.Sc in Geology | Experience in Geological & Hydrological Field work | Data Collection and Compilation |
| 4. | D. | MLP-FBR-0003 | March 2023 | Project Assistant | 1 | B.Sc Degree with Physics & Maths | Knowledge / experience in MS Office, Matlab, Office Assistance | Secretarial Assistance in Project; participation in field survey, if needed |
| 5. | | MLP-FBR-0005 | March 2023 | Project Associate-I | 3 | Master's in Geophysics / Applied Geophysics / Geophysical Technology | Experience in Seismology | Working on Seismological problems with latest techniques |
| 6. | E. | MLP-FBR-0003 | March 2023 | Project Associate – I | 1 | A) Master's in Geophysics / Applied Geophysics / Geophysical Technology | Experience in Electromagnetic / Magnetotelluric surveys and data processing | Geophysical field surveys in different parts of country including High Himalayan terrain and data processing |
| | | | | Project Associate-II | | A) Master's in Geophysics / Applied Geophysics / Geophysical Technology | | |

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| | | | | | | B) 2 years of experience in the field of Geophysical surveys and data processing | | |
| 7. | E. | MLP-FBR-0003 | March 2023 | Project Associate – I | 1 | A) Master's in Geophysics / Applied Geophysics / Geophysical Technology | i) Experience in Geosoft ii) Experience in processing and modelling of EM / magnetic / radiometric data | Geophysical field surveys for near surface exploration and data processing |
| Project Associate-II | | | | A) Master's in Geophysics / Applied Geophysics / Geophysical Technology B) 2 years of experience in processing and modelling of Geophysical data | | | | |
| 8. | | MLP-FBR-0003 | March 2023 | Project Associate – I | 1 | A) Master's in Geophysics / Applied Geophysics / Geophysical Technology | Knowledge of seismology and experience in data processing | Seismological field surveys in different parts of the country including the High Himalayan terrain, seismological data processing, analysis and modelling |
| | | | | Project Associate-II | | A) Master's in Geophysics / Applied Geophysics / Geophysical Technology B) 2 years of experience in processing and modelling of Geophysical data | | |
| 9. | | SSP-846-28 | February 2022 | Project Associate-II | 3 | A) Master's in Geophysics / Applied Geophysics / Geophysical Technology B) 2 years of experience in Geophysical data processing and interpretation | Experience in interpretation of Electrical & Electromagnetic data pertaining to Groundwater exploration | Fieldwork, data processing and interpretation of Electrical & Electromagnetic data pertaining to Groundwater exploration |
| 10. | | MLP-FBR-0003 | March 2023 | Project Associate-II | 1 | A) Master's in Geophysics / Applied Geophysics / Geophysical Technology B) 2 years of experience in Geophysical data collection, processing and Modelling | Experience in Gravity and Magnetic data collection, processing and Modelling | Gravity and Magnetic data collection, processing and modelling |

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| 11. | E. | MLP-FBR-0003 | March 2023 | Project Associate-I | 1 | Master's in Geophysics / Applied Geophysics / Geophysical Technology | Experience in data collection and analysis | Acquisition of field and laboratory data in Thermal Geophysics/Heat flow. Analysis and interpretation of the thermal data |
| 12. | | P-81-113 | January 2022 | Project Associate-I | 1 | Master's in Geophysics / Applied Geophysics / Geophysical Technology | Knowledge of Programming in Matlab, Fortran/C/C++ | Numerical modeling of seismic wave propagation |
| 13. | | CLP-843-28 | October 2022 | Project Associate-I | 1 | Master's in Geophysics / Applied Geophysics / Geophysical Technology | Knowledge of Coding in Fortran / Matlab and in fiber optic | Subsurface imaging using fiber-optic sensing seismic data |
| 14. | | MLP-FBR-0006 | March 2023 | Project Associate-I | 2 | Master's in Geophysics / Applied Geophysics / Geophysical Technology | i) Knowledge in seismological methods ii) Experience in Seismological Field work | To conduct Seismic Field Work and data collection |
| | | | | | 2 | Master's in Geophysics / Applied Geophysics / Geophysical Technology | i) Knowledge in seismological methods ii) Experience in Seismological Field | To conduct Seismological Field – Installation of Seismometer, Data retrieving, analysis |
| 15. | | MLP-FBR-0006 | March 2023 | Project Associate-I | 2 | Master's in Geophysics / Applied Geophysics / Geophysical Technology | Knowledge of Magnetotelluric methods | Collection, processing and modelling of MT data |
| 16. | | MLP-FBR-0006 | March 2023 | Project Associate-I | 1 | Master's in Geophysics / Applied Geophysics / Geophysical Technology | i) Experience in Heat Flow Studies | Acquisition of field and laboratory data in Thermal Geophysics/Heat flow. Analysis and interpretation of the thermal data |
| 17. | | MLP-FBR-0007 | March 2023 | Project Associate-I | 1 | Master's in Geophysics / Applied Geophysics / Geophysical Technology | Knowledge of Computer Programming | To carry out Modeling and Machine Learning |

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| 18. | E. | MLP-FBR-0008 | March 2023 | Project Associate-I | 2 | Master's in Geophysics / Applied Geophysics / Geophysical Technology | i) Experience in Computer Programming and seismic data processing | Seismic data processing and development of computer codes |
| 19. | | MLP-FBR-0008 | March 2023 | Project Associate-I | 1 | Master's in Geophysics / Applied Geophysics / Geophysical Technology | Knowledge of C / C++ / Fortran Programming | Processing / Modelling / Inversion of Seismic Data |
| 20. | | MLP-NCP-0009 | March 2023 | Project Associate-I | 1 | Master's in Geophysics / Applied Geophysics / Geophysical Technology | i) Knowledge of working in computational geosciences ii) Knowledge of programming languages such as fortran, python, matlab etc. | Development of geophysical modelling and inversion routines |
| 21. | F. | MLP-FBR-0007 | March 2023 | Project Associate-II | 1 | A) Master's in Marine Geophysics B) 2 years of experience in data acquisition, processing and modelling | Experience in Ground water Problems | Acquisition, Processing and modeling of Ground water data |
| 22. | G. | MLP-FBR-0003 | March 2023 | Project Associate-II | 1 | A) Master's in Geophysics / Physics / Maths B) 2 years of experience in processing of time series data | Coding skills (MATLAB) | Processing and analysis of Swarm satellite data for earthquake precursors |
| 23. | H. | MLP-NCP-0010 | January 2023 | Project Associate-I | 2 | Master's in Geophysics / Physics / Earth Science | Experience / Knowledge of working in 2D/3D/3C seismic data acquisition and processing | Participation in 2D/3D/3C seismic data acquisition, field operations & data processing |
| 24. | I. | MLP-FBR-0008 | March 2023 | Project Associate-I | 1 | A) Master's in Geophysics / Statistics / Mathematics / Computer Science | --- | Development of Machine Learning algorithms for Seismic Data Interpretation and Processing |
| | | | | Project Associate-II | | A) Master's in Geophysics / Statistics / Mathematics / Computer Science B) 2 years of experience in Machine Learning | | |

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| 25. | J. | Emeritus Scientist Scheme (DVR) | May 2022 | JRF | 1 | Master's in Geology / Applied Geology with not less than 55% marks <i>plus</i> NET (LS) / GATE | i) Knowledge in Hydrogeology, Hydrochemistry ii) Experience in Ground water sample collection iii) Field experience in Koyna region and water sample collection | Fieldwork sample collections, Lab work sample analysis |
| 26. | | Emeritus Scientist Scheme (CM) | November 2023 | JRF | 1 | Master's in Geology / Applied Geology with not less than 55% marks <i>plus</i> NET (LS) / GATE | Knowledge of Chemistry and Field work | Geological field work, Lab work, Data processing and interpretation. |
| 27. | K. | MLP-FBR-0003 | March 2023 | Project Associate-I | 1 | A) Master's in Geology / Applied Geology | Experience in geological field work and Lab work related to RS-GIS and TL-OSL dating for tectonic-geomorphological studies | To carry out geological field work and Lab work related to RS-GIS and TL-OSL dating for tectonic-geomorphological studies |
| Project Associate-II | | | | B) 2 years of experience in geological field work and Lab work | | | | |
| 28. | | MLP-FBR-0007 | March 2023 | Project Associate-I | 2 | Master's in Geology / Applied Geology | --- | Acquisition, Processing and modeling of Ground water data |
| 29. | | MLP-NCP-0010 | January 2023 | Project Associate-I | 1 | Master's in Geology / Applied Geology | Experience / Knowledge of geological interpretation of seismic data and well-logs | Seismic Data Interpretation and Geomechanical Modelling |
| 30. | | MLP-FBR-0006 | March 2023 | Project Associate-I | 1 | Master's in Geology / Applied Geology | Knowledge of Geological fieldwork and Geochemical analysis | Geological fieldwork and involvement in various geochemical sample preparation methods |

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| 31. | L. | MLP-FBR-0006 | March 2023 | Project Associate-I | 2 | Masters' in Geology / Applied Geology / Earth System Science | Working experience, knowledge in Geochronology, Isotope Geochemistry, Clean Chemistry laboratory practices, Mass spectrometry / geological field work | U-Pb Zircon geochronology, non-traditional stable isotopes, geological fieldwork. |
| 32. | M. | MLP-FBR-0006 | March 2023 | Project Associate-I | 1 | Master's in Geology / Applied Geology Or B.E/B.Tech in Geoinformatics | Experience / knowledge in; i) Field Geological mapping and analysis ii) Satellite image processing and GIS tools | i) Field geological and structural mapping; petrographic analysis ii) Satellite image analysis and digital mapping using GIS; Photogrammetry; GPS application in field mapping |
| 33. | N. | GAP-831-28 | March 2022 | Project Associate-I | 1 | Master's in Geology / Applied Geology / Physics Or B.E/B.Tech in Geoinformatics | Experience / Knowledge in image processing and GIS applications | To carry out geological analysis of lunar satellite images and digital elevation data |
| 34. | O. | MLP-FBR-0003 | March 2023 | Senior Project Associate | 1 | A) Master's in Geology B) 4 years' experience in Paleomagnetism Or A) Ph.D (Geology) in the area of Paleomagnetism | Experience in paleomagnetic sampling and handling paleomagnetic instruments | Field work in Himalayan paleolakes, Sample measurements, data processing |
| 35. | P. | STS-9901-28 | 1 Year | Project Associate-II | 1 | A) B.Tech in Computer Science/IT or equivalent B) 2 years' experience in Software development | --- | Software development JAVA, PHP / Website handling / Data Center / server / databases maintenance |

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| 36. | Q. | MLP-FBR-0003 | March 2023 | Project Associate – I | 1 | A) Master’s in Physics or equivalent field with specialization in Computational Physics / Numerical techniques | Understanding of numerical techniques and Computer programming | Development of codes for numerical analysis of geophysical problems; participation in field surveys |
| | | | | Project Associate–II | | A) Master’s in Physics or equivalent field with specialization in Computational Physics / Numerical techniques B) 2 years of experience in the field of numerical analysis and computer programming | | |
| 37. | R. | MLP-FBR-0003 | March 2023 | Project Scientist-I | 1 | A) Ph.D in Geophysics / Seismology | i) Experience in Seismological study on Himalaya including data analysis and processing using different seismological methods ii)Publication(s) in peer reviewed journals | Research and Development |
| | | | | Project Scientist-II | | A) Ph.D in Geophysics / Seismology B) 3 years post Ph.D experience in Seismological study including data analysis and processing using different seismological methods | | |
| 38. | S. | MLP-FBR-0003 | March 2023 | Project Scientist-I | 1 | Ph.D in Geophysics / Seismology | i) Knowledge in programming and script writing ii) Experience in Seismological research | Design and planning of seismological research through modelling of earthquake data |
| 39. | T. | MLP-NCP-0010 | January 2023 | Project Scientist-I | 1 | Ph.D in Geophysics / Physics / Earth Science | i) Modelling / Inversion / Interpretation / Processing of Seismic data | 3C – Seismic data acquisition, Processing, Modelling and Interpretation |

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| 40. | U. | SSP-846-28 | February 2022 | Project Scientist-I | 1 | Ph.D in Geophysics / Applied Geophysics | i) Specialization in Hydrogeochemistry ii) Experience in Electrical or Electromagnetic data for Groundwater or near surface applications | Handling the airborne electromagnetic data for processing & interpretation. Computer programming like MATLAB & FORTRAN & writing of reports and publications |
| 41. | V. | MLP-FBR-0005 | March 2023 | Project Scientist-I | 1 | M.Tech in Signal Processing | Experience on Seismological problems with Signal Processing Techniques | Working on Environmental Seismology related problems |

Based on performance of the candidate, the Selection Committee may recommend to place a candidate either as Project Scientist-I / Project Associate-I or Project Scientist-II / Project Associate-II wherever it is mentioned, subject to meeting the other eligibility conditions attached to the respective posts.

Upper age limit & Emolument details:

| Designation | Emoluments (Rs.) | Upper Age Limit |
|---------------------------------------|--------------------|---------------------------------------------------------------------------------------------|
| Scientific Administrative Assistant | 18000/- | 50 years [relaxable upto 5 years of SC/ST and upto 3 years for OBC, 10 years for PwBD] |
| Project Assistant | 20000/- | |
| Project Associate-I | 25000/- / *31000/- | 35 years [relaxable upto 5 years of SC/ST and upto 3 years for OBC, 10 years for PwBD] |
| Project Associate-II | 28000/- / #35000/- | |
| Project Scientist – I | 56000/- | 40 years [relaxable upto 5 years of SC/ST and upto 3 years for OBC, 10 years for PwBD] |
| Project Scientist – II | 67000/- | |
| Senior Project Associate | 42000/- | |
| JRF (Under Emeritus Scientist Scheme) | 31000/- | 28 years [relaxable up to 5 years for SC/ST/OBC, Women & Physically handicapped candidates] |

* Rs.31,000/- for the candidate(s) who have qualified CSIR-UGC NET including lectureship (Assistant Professorship) or GATE.

Rs.35,000/- for the candidate(s) who have qualified CSIR-UGC NET including lectureship (Assistant Professorship) or GATE.

Interested candidates (Indian Nationals only) fulfilling the criteria (**as on the last date of online registration**) towards age, education qualifications etc. as detailed above, may appear in online Interview as per the instructions given below in **Terms & Conditions**.

Terms & Conditions:

1. Registration (Online): The eligible candidates interested for appearing in Interview against the above Post Codes are required to register on-line (For details, please visit CSIR-NGRI website). **The online registration opens on 10.05.2021 and closes at 06:00 p.m. on 24.05.2021.**
2. The date of online interview will be notified separately.

3. 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.
4. The candidates are advised to fill up the information in the online registration form carefully and correctly. All the certificates to be uploaded as single PDF[not more than 5 MB] in the application.
5. 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.
6. 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/-
(Viplave Vishal)
Section Officer