



राष्ट्रीय पृथ्वी विज्ञान अध्ययन केन्द्र

पृथ्वी विज्ञान मंत्रालय, भारत सरकार

आक्कुलम, तिरुवनंतपुरम - ६९५०११, केरल

NATIONAL CENTRE FOR EARTH SCIENCE STUDIES

Ministry of Earth Sciences, Government of India

Akkulam, Thiruvananthapuram - 695011, Kerala

No. NCESS/P&GA/9424/10/2025

Date: 18.06.2025

National Centre for Earth Science Studies (NCESS) situated at Thiruvananthapuram is an autonomous research centre functioning under the Ministry of Earth Sciences (MoES), Government of India. NCESS invites applications for the posts of Project Scientist I on contract basis, with tenure upto 31.03.2026, as per the details provided below:

Post Code	Designation	Vacancies	Qualifications
1.	Project Scientist-I	1	Essential: Master's degree in Seismology/Geophysics/Earth Science or equivalent from a recognized University /Institute with minimum 60% marks. Desirable: 1. PhD with research experience in relevant field of global seismology, forward & inverse modelling of seismological data/tomography. 2. Experience in handling of seismological instruments, data collection, signal processing and data analysis. 3. Working knowledge on Linux/Shell Scripting/Python / any programming language/AI/ML. Nature of Work: 1. Participate in seismological fieldworks associated with NCESS solid earth core programs. 2. Scientific research in the field of seismology to study the sub-surface architecture.
2.	Project Scientist-I	1	Essential: Master's degree in Geophysics/Earth Science or equivalent with specialization in potential fields from a recognized University /Institute with minimum 60% marks. Desirable: 1. Hands on experience in gravimeter and marine Magnetometer. 2. Experience in combining geophysical data from aero and satellite observations with in-situ observations and land/marine field experience. Nature of Work: • Scientific research using numerical methods such as inversion or machine learning for understanding the lithosphere, near-surface structures and land/marine fieldwork.

3.	Project Scientist-I	1	<u>Essential:</u> Master's degree in Geophysics/Earth Science or equivalent from a recognized University/Institute with minimum 60% marks. <u>Desirable:</u> 1. PhD with research experience in relevant field of near surface geophysics. 2. Experience in handling of Electrical resistivity instrument, Ground Penetrating radar (GPR) and processing & modeling of electrical resistivity and GPR data. <u>Nature of Work:</u> • Participate in near surface geophysical fieldworks associated with NCESS solid earth core programs. • Should be able to take up modelling studies relevant to the field and interpretation of data.
4.	Project Scientist-I	1	<u>Essential:</u> Master's Degree in Geology/Earth Science or equivalent from a recognized University/Institute with minimum 60% marks. <u>Desirable:</u> PhD with research experience in igneous petrology/geochemistry with publications in peer-reviewed journals. <u>Nature of Job:</u> • Participate in fieldworks associated with NCESS solid earth core programs. Should be able to generate and interpret data using XRF/ICP-MS.
5.	Project Scientist-I	1	<u>Essential:</u> Master's Degree in Geology/Earth Science or equivalent from a recognized University/Institute with minimum 60% marks. <u>Desirable:</u> PhD with research experience in metamorphic petrology/structural geology with publications in peer-reviewed journals. <u>Nature of Job:</u> • Participate in fieldworks/mapping/surveys associated with NCESS solid earth core programs. • Should be able to generate and interpret data using EPMA/high-temperature fluid inclusion studies.
6.	Project Scientist-I	1	<u>Essential:</u> Master's Degree in Geology/Earth Science or equivalent from a recognized University/Institute with minimum 60% marks. <u>Desirable:</u> PhD with research experience in sedimentology with publications in peer-reviewed journals. <u>Nature of Job:</u>

			• Participate in fieldworks associated with NCESS solid earth core programs. Should be able to generate and interpret sedimentological/geochemical data from sedimentary basins.
7.	Project Scientist-I	1	<u>Essential:</u> Master's Degree with specialization in Marine Geology/ Physical Oceanography/Ocean Engineering/Coastal Engineering or equivalent from a recognized University/ Institute with minimum 60% marks. <u>Desirable:</u> • PhD in the above subject areas with demonstrated excellence in research as evidenced through publications in peer-reviewed journals. <u>Nature of Job:</u> To undertake surveys/cruises for the acquisition of marine geology data, and/or real time coastal data monitoring and modelling studies, interpretation of data, leading to publications.
8.	Project Scientist-I	1	<u>Essential:</u> Master's Degree in Chemistry/Environmental Science/ Earth Science or equivalent from a recognized University/Institute. <u>Desirable:</u> • PhD with experience in working with geochemical tracers, isotopes, hydrochemical analysis or experience in hydrological modelling, specifically groundwater modelling. • Knowledge of statistical methods/tools, MODFLOW, SWAT, MIKE SHE. • Experience in conducting field sampling and field experiments. <u>Nature of Job:</u> Regular field visits to collect primary data and perform in-situ and laboratory-based water quality analysis.
9.	Project Scientist-I	1	<u>Essential:</u> Master's Degree in Atmospheric Science/Meteorology/ Climate Sciences/Physics or equivalent from a recognized University/Institute with minimum 60% marks. <u>Desirable:</u> • PhD in any of the above subjects. • Experience in handling of a large volume of data format like NetCDF, HDF, GRIB, GrADS etc • Knowledge in programming languages (like Python, FORTRAN-90, C/C++ etc); Shell scripting and meteorological data analysis tools (like GrADS, NCL, NCO, CDO etc). • Publications in SCI index journals in the relevant field.

			Nature of Job: Data collection, analysis from High-Altitude Cloud Physics Observatory in Munnar. Maintenance of the stations and routine field work in the atmospheric observatories of NCESS.
10.	Project Scientist-I	1	Essential: B.Tech in Civil Engineering from a recognized University /Institute with minimum 60% marks. Desirable: - M.Tech in Construction, Planning and Management/Geotechnical/Structural /Construction/Environmental Engineering. - Working experience in project planning, and management in state or central govt departments. - Experience with Civil Engg software's for design, estimation, and verification of bills. Nature of Work: - Co-ordination of various activities of the EA&M section, NCESS. Designing, estimate preparation, and bill verification, and supervision of works.

* For Project Scientist-I posts, candidates who have submitted their Ph.D. thesis can also apply.

Age limit and Remuneration (DST OM SR/S9/Z-05/2019 dt. 10.07.2020)

Designation	Age Limit (as on last date of receipt of online application)	Remuneration	Reservation
Project Scientist-I	35	Rs.56,000/- plus HRA **	UR-5 EWS-1 OBC-2 SC-1 ST-1
Age relaxation for SC/ST/OBC candidates as per GoI Rules.			

** Increment of 5% for every 2 years of experience subject to performance review.

Interested candidates should submit their application ONLINE. The decision of the Director, NCESS in all matters relating to eligibility, acceptance or rejection of applications shall be final and no enquiry or correspondence will be entertained in this connection from any individual.

Note:

- Prospective candidates should regularly visit NCESS website (www.ncess.gov.in) for further changes, if any.
- Interview if not conducted on the specified day due to any unforeseen reasons will be held on the next working day.
- Candidates should have a valid email-id and mobile number which should be kept active till the declaration of the final result. All communications relating to this

advertisement shall be sent by email-id / mobile SMS mentioned by the candidate in his application.

4. *Crucial date for determination of essential qualification and age limit will be the date of closure of application.*
5. *Relaxation in upper age limit for the disabled, employees of Govt. Organizations, ex-servicemen and Kashmiri Migrants will be as in O.M. No. 15012/2/2010-Estt.(D) dated 27.3.2012 of Dept. of Personnel & Training, Government of India.*
6. *The prescribed essential qualifications are minimum and mere possession of the same does not entitle candidates to be called for written test/interview.*
7. *Director, NCESS reserves the right to cancel the recruitment process without assigning any reason thereof or modify the number of vacancies to be filled.*
8. *If the number of applications received in response to the advertisement is large, NCESS may short list the candidates to a reasonable limit based on the essential and desirable qualifications / record of academic performance / relevant experience for the post or any other benchmarks as decided by a committee constituted to screen the applications.*
9. *The shortlisted candidates will be called for a written test / interview as decided by NCESS.*
10. *The names of candidates short-listed for written test / interview, as the case may be, will be notified in the NCESS website (www.ncess.gov.in) and an intimation to this effect will be sent through the email-id furnished by the candidate.*
11. *Canvassing in any form and /or bringing any influence, political or otherwise will be treated as disqualification. No interim correspondence/inquiry will be entertained.*
12. *Candidates will have to produce the proof of details furnished in their applications, in original, as and when required.*
13. *NCESS reserves the right not to fill up the post without assigning any reasons.*
14. *The number of vacancies mentioned in the advertisement may vary depending upon the requirements as approved by the Government.*

How to Apply:

- a) The application will be accepted online only. The online application link will be opened shortly and circulated through the NCESS website. Applicants are requested to carefully go through the full text of the advertisement and the instructions in particular. To apply, the applicant must fill the online application and upload scanned images of photograph, signature and relevant self-attested copies of mark sheets (for all semesters) and Provisional/Degree certificate for academic/professional qualifications, proof of date of birth, experience certificate, caste certificate etc. If the certificates are in a language other than English, attested translation should be uploaded.
- b) The photograph and signature should be in .jpg format with a file size limit of less than 100 KB. All certificates should be in .pdf format of each file less than 300 KB.
- c) Applications received through email or received after due date will be rejected.
- d) The candidates should produce their original certificates if selected for joining. Non-production of the original certificates / production of original certificates at

variance with the online submission details will result in disallowing the candidate to join for duty.

- e) In case of difficulty in the submission of online application form (not for other queries), please email to **vacancies.ncess@gmail.com**

Last date for submitting ONLINE application: 5 PM on 21.07.2025.



Senior Manager, NCESS