



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/9424/09/2022

Date: 14.07.2022

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 post of Laboratory Assistant, Field Assistant, Technical Assistant, Project Associate – I/II and Project Scientist I/II on contract basis, initially for a period of one year as per the details provided below.

Post Code	Designation	Vacancies	Qualifications
1.	Laboratory Assistant	1	<p>Essential: Graduate degree in Geology from a recognized University / Institute.</p> <p>Desirable: Experience in preparation of petrological thin sections and mineral separation.</p>
2.	Field Assistant	2	<p>Essential: Graduate degree in Physics / Geology from a recognized University / Institute.</p> <p>Desirable: Experience in geological or geophysical (gravity / magnetic / seismic) field data collection.</p>
3.	Field Assistant	2	<p>Essential: Graduate degree in Geology / Chemistry / Zoology / Environmental Sciences from a recognized University / Institute.-</p> <p>Desirable:</p> <ul style="list-style-type: none"> • M.Sc. in Environmental Sciences / Chemistry / Analytical Chemistry / Hydrochemistry / Environmental Chemistry from a recognized University / Institute with at least 60% marks. • Knowledge in field collection of samples / laboratory analysis of water / sediment / rock / soil / physicochemical assessment along with the basic knowledge in computer and handling of analytical instruments.
4.	Laboratory Assistant	1	<p>Essential: Graduate degree in Geology / Chemistry / Physics from a recognized University / Institute.-</p> <p>Desirable:</p> <ul style="list-style-type: none"> • M.Sc. in Environmental Sciences / Disaster

			<p>Management / Earth System Sciences / Remote Sensing / Geoinformatics / Geology from a recognized University / Institute with at least 60% marks.</p> <ul style="list-style-type: none"> • Knowledge in environmental processes modelling including the soil erosion assessment / hydrogeochemical evaluation / flux transport / hydrogeological modelling using remote sensing, GIS techniques and other hydrogeochemical models.
5.	Technical Assistant	1	<p>Essential: Graduate degree in Geology from a recognized University / Institute. OR Three years Diploma in Civil Engineering.</p> <p>Desirable:</p> <ul style="list-style-type: none"> • Water quality analyses in coastal aquifers. • Experience in modelling groundwater flow and contaminant transport.
6.	Project Associate-I	1	<p>Essential: Master's degree in Geophysics / Marine Geophysics / equivalent from a recognized University / Institute.</p> <p>Desirable:</p> <ul style="list-style-type: none"> • Two years of research experience in relevant field of seismological tools to decipher the structure and anisotropy. • Experience in seismological data collection, processing and analysis. • Working knowledge on Linux / Shell Scripting / MATLAB.
7.	Project Associate-I	1	<p>Essential: Master's degree in Geology from a recognized University / Institute.</p> <p>Desirable:</p> <ul style="list-style-type: none"> • Two years of research experience in hydrochemical analysis of water / geochemical analysis of soil / rock / sediment samples. • Experience in environmental sample collection including rock / surface water / soils and weathered profiles as well as familiarity with laboratory analytical procedures. • Skills in handling the GIS and remote sensing data for environmental modelling.
8.	Project Associate-I	1	<p>Essential: Master's degree in Geology / Marine Geology / Applied Geology from a recognized University / Institute.</p> <p>Desirable: Experience in sedimentological / geochemical lab</p>

			work.
9.	Project Associate-I	1	<p>Essential: Master's degree in Geology / Water Resources from a recognized University / Institute.</p> <p>Desirable:</p> <ul style="list-style-type: none"> • Water quality analyses in coastal aquifers. • Experience in modelling groundwater flow and contaminant transport.
10.	Project Associate-II	1	<p>Essential: (1) Master's degree in Geophysics / equivalent from a recognized University / Institute. (2) Two years of research experience in gravity and magnetic data collection, data processing and modelling.</p> <p>Desirable:</p> <ul style="list-style-type: none"> • Experience in Geosoft 3D / IGMAS+ and LitMod modelling software. • Computational skills in modelling and inversion.
11.	Project Associate-II	1	<p>Essential: (1) Master's degree in Geology / equivalent from a recognized University / Institute. (2) Two years of research experience in igneous petrology and geochemistry / geochronology.</p> <p>Desirable:</p> <ul style="list-style-type: none"> • Should have experience in sample preparation for geochemical studies. • Research experience in Sr-Nd isotope geochemistry, U-Pb geochronology.
12.	Project Associate-II	1	<p>Essential: (1) Master's degree in Geology / equivalent from a recognized University / Institute. (2) Two years of research experience in metamorphic petrology.</p> <p>Desirable: Experience in geothermobarometry and related petrological modelling.</p>
13.	Project Associate-II	1	<p>Essential: (1) Master's degree in Hydrochemistry / Analytical Chemistry from a recognized University / Institute. (2) Two years of research / field experience with hydrogeochemical analysis of water / sediment quality assessment studies including groundwater / spring water / river water research.</p> <p>Desirable:</p> <ul style="list-style-type: none"> • Basic computer handling knowledge. • Skills in handling analytical instruments. • Large hydrochemical data handling, plotting,

			interpreting and manuscript writing skills.
14.	Project Associate-II	1	<p>Essential:</p> <p>(1) Master's degree in Environmental Sciences from a recognized University / Institute.</p> <p>(2) Two years of research / field experience with hydro geochemical and microbiological analysis of water including quality assessment studies and hydrochemical modeling, skills in handling the GIS for environmental modelling.</p> <p>Desirable:</p> <ul style="list-style-type: none"> • Basic computer handling knowledge. • Skills in handling analytical instruments. • Large hydrochemical data handling, plotting, interpreting and manuscript writing skills.
15.	Project Associate-II	2	<p>Essential:</p> <p>(1) Master's degree in Geology / Marine Geology / Applied Geology / Geoinformatics from a recognized University / Institute.</p> <p>(2) Two years of experience in the relevant field in an R&D institute.</p> <p>Desirable:</p> <ul style="list-style-type: none"> • Experience in marine field work. • Experience in sedimentological / geochemical research work.
16.	Project Associate-II	1	<p>Essential:</p> <p>(1) Master's degree in Geology / Water Resources from a recognized University / Institute.</p> <p>(2) Two years of experience in the relevant field in an R&D institute.</p> <p>Desirable:</p> <ul style="list-style-type: none"> • Water quality analyses in coastal aquifers. • Experience in modelling groundwater flow and contaminant transport
17.	Project Scientist-I [@]	1	<p>Essential:</p> <p>Doctoral degree in Geology / Earth Science from a recognized University / Institute.</p> <p>Desirable:</p> <ul style="list-style-type: none"> • Hands-on experience and knowledge in the operation and data processing of LA-ICPMS / MC-ICPMS. • Research experience in metamorphic petrology and in-situ U-Pb/Hf geochronology with publications in peer reviewed journals.
18.	Project Scientist-I [@]	1	<p>Essential:</p> <p>Doctoral degree in Hydrology / Water Resources / equivalent discipline from a recognized University / Institute.</p> <p>Desirable:</p> <p>Experience in coastal aquifer research.</p>

19.	Project Scientist-II [@]	1	<p><u>Essential:</u> (1) Doctoral degree in Physics from a recognized University / Institute. (2) Three years of research experience in palaeomagnetism in R&D / scientific institutions / S&T organizations.</p> <p><u>Desirable:</u></p> <ul style="list-style-type: none"> • Experience in operation and maintenance of analytical instruments related to palaeomagnetism and palaeointensity measurements. • Research experience in palaeomagnetic and palaeointensity studies with publications in peer reviewed journals.
20.	Project Scientist-II ^{@#}	1	<p><u>Essential:</u> (1) Doctoral degree in Geology / Applied Geology / Geochemistry / Hydrochemistry / Chemistry / Environmental Chemistry / Environmental Science / Environmental Geology from a recognized University / Institute. (2) Three years of research experience in hydrogeology / hydrochemistry / isotope geochemistry / spring / ground water / surface - sub surface water interaction related research.</p> <p><u>Desirable:</u></p> <ul style="list-style-type: none"> • Demonstrated excellence in research as evidenced through peer-reviewed international publications. • Relevant knowledge in environmental sample collection, handling analytical instruments related to water, skills in handling isotope geochemical data along with sufficient knowledge in geochemical modelling related to origin of spring waters and their recharge – discharge mechanisms.

[@]Candidates who have submitted their PhD thesis before the last date can also apply.

[#]Candidate without minimum 3 years of experience can also apply. If found otherwise suitable for the project, then the candidate will be selected as Project Scientist-I.

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

Designation	Age Limit (as on 16.08.2022)	Remuneration
Laboratory Assistant / Technical Assistant / Field Assistant	50	Rs. 20,000/- plus HRA *

Project Associate-I	35	(1) 31,000/- + HRA to Scholars who are selected through a. National Eligibility Tests -CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or b. A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions. (2) 25,000/- + HRA for others who do not fall under (1) above.
Project Associate-II	35	(1) 35,000/- + HRA to Scholars who are selected through a. National Eligibility Tests -CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or b. A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions. (2) 28,000/- + HRA for others who do not fall under (1) above.
Project Scientist-I	35	Rs.56,000/- plus HRA **
Project Scientist-II	40	Rs.67,000/- plus HRA **
Project Scientist-III	45	Rs.78,000/- plus HRA **
Age relaxation for SC/ST/OBC candidates as per GoI Rules.		

** Increment of 15% for 3 years of experience with maximum ceiling of 4 such revisions i.e., up to 12 years of experience.

*** 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:

1. Prospective candidates should regularly visit NCESS website (www.ncess.gov.in) for further changes, if any.
2. Interview if not conducted on the specified day due to any unforeseen reasons will be held on the next working day.
3. 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 the file size limit between 10kb to 100Kb. All certificates should be in .pdf format of each file less than 500 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 the application:

Within 30 calendar days from the date of publication of this advertisement. The online link will be disabled at **5 PM on 16.08.2022.**

Senior Manager, NCESS