



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/9424/12/2022

Date: 11.10.2022

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 Field 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.	Field Assistant	1	<p>Essential: 3 years' Diploma in Electronics and Instrumentation Engineering. OR Graduate degree in Electronic Science / Applied Physics or equivalent from a recognized University / Institute.</p> <p>Desirable:</p> <ul style="list-style-type: none"> • Experience in handling atmospheric instruments. • Previous experience in frequent data collection from remote observatories and upkeep of sensors / instrument maintenance will be an added advantage.
2.	Project Associate-I	1	<p>Essential: Master's degree in Physics / Meteorology / Atmospheric Sciences / equivalent from a recognized University / Institute.</p> <p>Desirable:</p> <ul style="list-style-type: none"> • Knowledge in Atmospheric Sciences / Physics with good proficiency in mathematical and statistical methods. • Good proficiency in programming languages like Python / Fortran / C / C++ / MATLAB. • Previous experience in frequent data collection from remote observatories and upkeep of sensors / instrument maintenance will be an added advantage.
3.	Project Associate-II	1	<p>Essential: (1) Master's degree in Meteorology / Atmospheric Science / Physics / Electronics / equivalent from a recognized University / Institute. (2) Two years of research experience in the</p>

			<p>relevant field of microphysics of precipitation to decipher the structure of the monsoon clouds in the troposphere / similar experience relevant to NCESS research.</p> <p><u>Desirable:</u></p> <ul style="list-style-type: none"> • Experience in the field of microphysics of precipitation using in-situ observations. • Experience in the atmospheric ground-based field operations, measurement techniques using micro rain radar and data analysis using MATLAB / FORTRAN. • Experience in remote field operations and data collection. • Knowledge of handling instruments like rain gauge, micro rain radar, disdrometer, ceilometer, etc. • Publications in SCI journals in the relevant field.
4.	Project Associate-II	1	<p><u>Essential:</u></p> <p>(1) Master's degree in Atmospheric Science / Meteorology / Electronics / Instrumentation / equivalent from a recognized University / Institute.</p> <p>(2) Two years of research experience with a focus on microphysics in tropical rainfall and clouds.</p> <p><u>Desirable:</u></p> <ul style="list-style-type: none"> • Experience in the field of microphysics of precipitation using in-situ observations. • Experience in the atmospheric ground-based field operations, measurement techniques using micro rain radar and data analysis using MATLAB / FORTRAN. • Experience in remote field operations and data collection. • Knowledge of handling instruments like rain gauge, micro rain radar, disdrometer, ceilometer, etc. • Publications in SCI journals in the relevant field.
5.	Project Scientist-I	1	<p><u>Essential:</u></p> <p>Doctoral degree in Geology / Earth Science from a recognized University / Institute.</p> <p><u>Desirable:</u></p> <ul style="list-style-type: none"> • Hands on experience and sound knowledge in operation and data processing in EPMA and XRF. • Experience in field mapping and structural data collection in deformed and metamorphosed terranes with demonstrated excellence in research as evidenced through publications in peer reviewed journals.
6.	Project Scientist-II [@]	1	<p><u>Essential:</u></p> <p>(1) Doctoral degree in Atmospheric Science /</p>

			<p>Meteorology / Physics from a recognized University / Institute.</p> <p>(2) Three years[#] of research experience in monsoon dynamics or thunderstorm studies or allied fields.</p> <p><u>Desirable:</u></p> <ul style="list-style-type: none"> • Expertise in regional weather or cloud modelling / thunderstorm studies / climate models. • Knowledge in programming languages (like Python, FORTRAN-90, C / C++, MATLAB, etc.), shell scripting and meteorological data analysis tools (like GrADS, NCL, NCO, CDO, etc.). • Experience in handling large volume of data format like NetCDF, HDF, GRIB, GrADS, etc. • Experience in field observations / remote areas / handling observational data. • Publications in SCI journals in the relevant field.
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@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 last date of receipt of online application)	Remuneration
Field Assistant	50	Rs. 20,000/- plus HRA *
Project Associate-I	35	<p>(1) 31,000/- + HRA to Scholars who are selected through</p> <p>a. National Eligibility Tests -CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or</p> <p>b. A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions.</p> <p>(2) 25,000/- + HRA for others who do not fall under (1) above.</p>
Project Associate-II	35	<p>(1) 35,000/- + HRA to Scholars who are selected through</p> <p>a. National Eligibility Tests -CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or</p> <p>b. A selection process through National level examinations conducted by Central Government Departments and their</p>

		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 **
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 11.11.2022**

Senior Manager, NCESS