



राष्ट्रीय पृथ्वी विज्ञान अध्ययन केंद्र

पृथ्वी विज्ञान मंत्रालय, भारत सरकार

ESSO - NATIONAL CENTRE FOR EARTH SCIENCE STUDIES

Ministry of Earth Sciences, Govt. of India

P.B.No. 7250 Akkulam, Thiruvananthapuram 695 011, Kerala

पी. बी. नं. ७२५०, आक्कुलम, तिरुवनंतपुरम ६९५०११, केरल



Advertisement No NCESS/04/2016

Date: 31.10.2016

National Centre for Earth Science Studies (NCESS) is an autonomous research institution under the Earth System Science Organisation (ESSO) of the Ministry of Earth Sciences (MoES), Government of India situated at Thiruvananthapuram, Kerala.

The ESSO-NCESS invites online applications for contract positions from interested, eligible and perspective candidates of Indian Origin for filling up of 03 (Three) posts of Research Associate, 01 (One) post of Junior Research Fellow, 08 (Eight) posts of Project Assistant II and 05 (five) posts of Project Assistant I.

Details about the positions, pay, academic qualifications, responsibilities, format of application and other general conditions are given below:

Post Code	Vacancy	Qualifications
Research Associate		
01 – RA	3	<p><b><u>Essential:</u></b></p> <p>(i) Ph.D in Geology/Marine Geology or equivalent (2 Nos) and Ph.D in Geophysics (1 No.)</p> <p>(ii) Those who have submitted doctoral thesis will also be considered, in case the candidates possess proven research records with publications in reputed journals.</p> <p><b><u>Desirable:</u></b></p> <p><i>GATE/NET Qualification /Experience in Quaternary Geology and Paleoclimate studies / Hydrological studies / Environment monitoring / Geophysical investigations.</i></p> <p><b><u>Job requirement:</u></b> <i>Geochemical analysis, Hydrological surveys/ Geophysical surveys/modelling.</i></p>
Junior Research Fellow		
02 – JRF	1	<p><b><u>Essential:</u></b></p> <p><i>First Class Post Graduate Degree in Geology / Marine Geology / or equivalent.</i></p>

		<p>Valid GATE score, CSIR-UGC NET qualification Petrographic and Microthermometric studies, Exposure in thin section preparation preferred, Preparation of specialized fluid inclusion wafers.</p> <p><b><u>Job Requirement:</u></b> Spectroscopic application in hydrocarbon bearing fluid inclusions in the samples of Kerala offshore Basin. PL studies and elemental mapping.</p>
Project Assistant II		
03–Project Assistant -II	2	<p><b><u>Essential Qualification:</u></b> First Class Post Graduate Degree in Oceanography / Ocean Technology with specialization in Physical Oceanography or equivalent with proficiency in scientific programming.</p> <p><b><u>Desirable:</u></b> Experience in oceanographic data collection, data processing, application of numerical models and scientific programming including MATLAB in oceanographic data analysis and interpretation.</p> <p><b><u>Job requirement:</u></b> (i) To work in the setting up, deployment and retrieval of oceanographic instruments. (ii) To work in beach monitoring system for collection of video-image and processing of coastal processes data using MATLAB.</p>
04–Project Assistant -II	6	<p><b><u>Essential Qualification:</u></b> First Class Postgraduate Degree in Geology or equivalent (1 No). First Class Post Graduate Degree in Chemistry or equivalent. (2 Nos). First Class Post Graduate Degree in Environment Sciences (1 No). First Class Post Graduate Degree in Geophysics or equivalent. (2 Nos).</p> <p><b><u>Desirable:</u></b> 1. Candidates having CSIR-NET and/or valid GATE SCORE will be preferred. 2. Experience in GIS/Remote Sensing will have added advantage.</p> <p><b><u>Job Requirement:</u></b> Research on River Basin Hydrology.</p>

Project Assistant I		
05- Project Assistant -I	1	<p><b><u>Essential Qualification:</u></b> Diploma in Electrical / Electronics / Instrumentation.</p> <p><b><u>Desirable:</u></b> Experience in operation of Marine instruments and also deployment of instruments.</p> <p><b><u>Job requirement:</u></b> Setting up of marine instruments and carrying out routine maintenance work, assistance in field deployment of marine instruments and post-processing of data after retrieval.</p>
06- Project Assistant -I	2	<p><b><u>Essential Qualification:</u></b> B.Sc Chemistry or equivalent.</p> <p><b><u>Desirable:</u></b> Working experience in R&amp;D Laboratories, Operations of sophisticated analytical instruments.</p> <p><b><u>Job requirement:</u></b> Physico-chemical analysis of water and sediment, lab maintenance and operation of analytical instruments such as AAS, Voltammetric analyser, TOC Analyser, CHNSO Analyse etc.</p> <p>Microbiological analysis of water and sediment, operation of research microscopes, PCR, gel documentation and electrophoresis system.</p> <p>Plankton &amp; benthos analysis, species identification, operation of biological microscopes.</p>
07- Project Assistant -I	2	<p><b><u>Essential Qualification:</u></b> B.Sc First Class in Science subject/ B.Sc Computer Science / BCA / Three (03) years Diploma in Engineering after 10+2 (with 60% marks) or its equivalent qualifications from a recognized Board or University.</p> <p><b><u>Desirable:</u></b> Minimum of two year (2 yrs) experience in handling GIS/Remote sensing software.</p> <p><b><u>Job requirement:</u></b> Migration of data to Data Centre.</p>

### Age Limit & Reservation

Post	Vacancy	Scale of Pay	Age Limit	Reservation
Research Associate (RA)	3	Rs.36,000/-	35	As per Gol norms. However being a project-mode position, if such candidates are not available, the same will be treated as unreserved.
Junior Research Fellow (JRF)	1	Rs.25,000/-	28	
Project Assistant II (PA-II)	8	Rs.16,000/-	28	
Project Assistant I (PA-I)	5	Rs.12,000/-	28	

### General Conditions:

1. Candidates should have a valid e-mail 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.
2. The candidate's age should not exceed the age limit as mentioned above as on date of closure of application.
3. The upper age limit is relaxable by 5 years for SC/ST and 3 years for OBC. Relaxation in upper age limit for the disabled, employees of Govt. Organisations, ex-servicemen and Kashmiri Migrants will be as in O.M. No.F.15012/2/2010-ESTT.(D) dated 27.3.2012 of Dept. of Personnel & Training, Government of India.
4. The Secretary, MoES / Chairman, ESSO-NCESS Governing Council may relax the upper age limit for all categories of posts in case of highly experienced candidates in specialized scientific areas.
5. The prescribed essential qualifications are minimum and mere possession of the same does not entitle candidates to be called for written test/interview.
6. Candidates who are already employed in Government/Public Sector/Autonomous Undertakings are required to upload their applications with attested copies of the No Objection Certificate (NOC) from the present employer. The original NOC should be produced at the time of written test/interview. In the absence of original NOC, the candidates will not be eligible for attending the written Test/ Interview.
7. Experience will be counted from the date of acquiring essential academic qualifications. The research/teaching experience relevant to the requirement of job alone will be considered as the total period of experience.
8. The decision of ESSO-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.
9. Director, ESSO-NCESS reserves the right to cancel the recruitment process without assigning any reason thereof or modify the number of vacancies to be filled under each category.
10. If the number of applications received in response to the advertisement are large, the ESSO-NCESS may restrict the number of candidates to be called for interview to a

reasonable limit based on the essential and desirable qualifications/written test/record of academic performance/relevant experience for the post/or any other benchmarks as decided by a committee constituted to screen the applications.

11. The candidates qualified after screening shall be called for a written test or direct Interview as decided by the committee constituted by the ESSO-NCESS.
12. The names of candidates short-listed for written test/interview as the case may be will be notified in the NCESS website (<http://www.ncess.gov.in/>) and Intimation to this effect will be sent through the email- id furnished by the candidate
13. The outstation candidates called for interview will be paid to-and-fro second-class rail fare by the shortest route. In case the ESSO-NCESS decides to conduct written test and interview, the candidates should be prepared to stay for 2 days in Thiruvananthapuram. The candidates need to make their own arrangements for their stay in Thiruvananthapuram. ESSO-NCESS will not be responsible for any other arrangements.
14. Applicants can apply for more than one post, and in such cases separate applications should be uploaded.
15. Canvassing in any form and /or bringing any influence, political or otherwise will be treated as disqualification for the post applied for. No interim correspondence/inquiry will be entertained.
16. The selected candidates are liable to serve anywhere in India and outside and bound to carry out research work/task assigned by the Director/Institute from time to time.
17. Candidates will have to produce the proof of details furnished in their application, in original, as and when required.

#### **How to Apply:**

1. The application will be accepted online (<http://www.ncess.gov.in/>) only. Applicants are requested to carefully go through the full text of the advertisement and the instructions in particular.
2. To apply, the applicant must fill the online application and upload scanned images of photograph, signature and relevant attested (by Gazetted Officer) certificates pertaining to educational and professional qualifications mark sheets for all academic years, proof of date of birth, experience certificate, caste certificate, NOC, etc. If the certificates are in a language other than English, attested translation should be uploaded.
3. 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.
4. The Candidates should produce the original certificates at the time of written test/ interview. Non-production of the original certificates/ production of original certificates at variance with the online submission details will result in disallowing the candidate from appearing for the written test / interview. No travel reimbursement will be made to such candidates.
5. Candidates currently working in any other organisation should submit the proof of their current employment.

In case of difficulty in the submission of online application form (not for other queries), please email to [vacancies@ncess.gov.in](mailto:vacancies@ncess.gov.in)

Last date for submitting the application:

Last date & time for submission of online applications: **21.11.2016 @ 5PM IST**

Sd/-  
Director ESSO-NCESS