

ESSO-National Centre for Antarctic & Ocean Research(An Autonomous Society under the **MINISTRY OF EARTH SCIENCES**, Govt. of India)

Headland Sada, Vasco-da-Gama, Goa - 403 804.

The National Centre for Antarctic & Ocean Research (NCAOR) an Autonomous Society under the Ministry of Earth Sciences, Govt. of India, New Delhi is the nodal agency responsible for planning, co-ordinating and executing the Indian Polar Programme. In addition, the Centre has a well-focused scientific mandate of basic and applied research in various disciplines and themes of polar and ocean sciences.

Director, NCAOR invites applications from eligible & prospective candidates of Indian Nationals, for filling up of below posts under the various scientific projects temporary on contract basis. The details about the positions, pay, academic qualifications, responsibilities, format of application and other general conditions are given below. The post wise eligibility criteria and job requirement is as under:-

Project	:	Pliocene Arctic Climate Teleconnections (PACT)
Name of the Post	:	Project Scientist B
Post Code	:	01
Number of Posts	:	01
Emoluments	:	PB-3 (15600-39100) + GP Rs. 5400 + HRA, DA as per GOI norms
Age	:	35 Yrs
Eligibility Criteria	:	Essential: (i) Master's degree in Marine Sciences / Earth Sciences / Chemical Sciences or equivalent from a recognized university with at least 60% marks in the qualifying degree level.
		Desirable: (i) Two years of relevant experience in marine geochemistry/ isotope geochemistry (ii) Hands-on experience in handling instruments like ICP-MS / MC-ICPMS
Job Requirement	:	(i) To undertake palaeoceanographic research on marine sediment cores. (ii) To undertake an active role in the project towards palaeoclimatic reconstruction of Pliocene climate in Arctic region and its linkages to the Indian monsoons.
Name of the Post	:	Project Scientist B
Post Code	:	02
Number of Posts	:	01
Emoluments	:	PB-3 (15600-39100) + GP Rs. 5400 + HRA, DA as per GOI norms
Age	:	35 Yrs
Eligibility Criteria	:	Essential: (i) Master's degree in Earth Science/ Geology/ Marine Geology/Marine Science/Environmental Science or equivalent from a recognized university with at least 60% marks in the qualifying degree level.
		Desirable: (i) Two years of relevant experience in marine geochemistry/ isotope geochemistry (ii) Hands-on experience in handling instruments like Stable Isotope Ratio Mass Spectrometer
Job Requirement	:	(i) To participate in ocean research expeditions (ii) To undertake palaeoceanographic research on IODP /ODP sediment

		cores. (iii) To undertake an active role in the project towards palaeoclimatic reconstruction of Pliocene climate in Arctic region and its linkages to the Indian monsoons.
Name of the Post	:	Project Scientist B
Post Code	:	03
Number of Post	:	01
Emoluments	:	PB-3 (15600-39100) + GP Rs. 5400 + HRA, DA as per GOI norms
Age	:	35 Yrs
Eligibility Criteria	:	Essential: (i) Master's degree in Earth Science/ Geology/ Marine Geology/Marine Science or equivalent from a recognized university with at least 60% marks in the qualifying degree level.
		Desirable: (i) Two years of academic/R&D experience in the relevant field. (ii) Experience in cruise participation/ field expeditions/ data acquisition, processing and interpretation. (iii) Physical fitness to participate in expeditions (iv) Experience in the field of paleoclimate/ palaeoceanography with special emphasis on microfossils
Job Requirement	:	(i) To participate in annual field expeditions to Antarctica and surrounding oceans (ii) To play an active role in the work related to the project. (iii) To play an active role in data acquisition, processing and interpretation
Project	:	Limnological investigation of Antarctic Lakes and their paleoclimatic implications
Name of the Post	:	Project Scientist B
Post Code	:	04
Number of Posts	:	01
Emoluments	:	PB-3 (15600-39100) + GP Rs. 5400 + HRA, DA as per GOI norms
Age	:	35 Yrs
Eligibility Criteria	:	Essential: (i) Master's degree in Earth Science/ Geology/ Marine Geology/Marine Science or equivalent from a recognized university with at least 60% marks in the qualifying degree level.
		Desirable: (i) Two years of academic/R & D experience in the relevant field. (ii) Experience in scientific cruise participating/ field expeditions/ data acquisition, processing and interpretation. (iii) Experience in the field of paleoclimate/ Paleolimnology.
Job Requirement	:	(i) To participate in annual field expeditions to Antarctica (ii) To play an active role in the work related to the project
Project	:	Past Climate and Oceanic variability
Name of the Post	:	Project Scientist B
Post Code	:	05
Number of Posts	:	01
Emoluments	:	PB-3 (15600-39100) + GP Rs. 5400 + HRA, DA as per GOI norms
Age	:	35 Yrs
Eligibility Criteria	:	Essential: (i) Master's Degree in Marine Sciences/Marine Chemistry or equivalent from a recognized university with at least 60% marks in the qualifying degree level.

		<p><u>Desirable:</u> (i) Two years of academic/R&D experience in the relevant field. (ii) Experience in scientific cruise participation. (iii) Experience in acquisition, processing and interpretation of Marine/Lacustrine Chemical, Geochemical, Biological, and physical data.</p>
Job Requirement	:	(i) To play an active role in the work related to the project; participation in scientific cruises, Antarctic expedition; data acquisition, processing and interpretation.
Project	:	Ocean–sea-ice–atmosphere teleconnections between the Southern Ocean and North Atlantic during the Holocene (OCTEL)
Name of the Post	:	Project Scientist B
Post Code	:	06
Number of Posts	:	01
Emoluments	:	PB-3 (15600-39100) + GP Rs. 5400 + HRA, DA as per GOI norms
Age	:	35 Yrs
Eligibility Criteria	:	<p><u>Essential:</u> (i) Master’s Degree in Marine Sciences/Earth Sciences/Geology/Marine Geology or equivalent from a recognized university with at least 60% marks in the qualifying degree level.</p>
		<p><u>Desirable:</u> (i) Two years of academic/R & D experience in the relevant field. (ii) Experience in scientific cruise participating/ field expeditions/ data acquisition, processing and interpretation. (iii) Experience in the field of paleoclimate/ palaeoceanography with special emphasis on siliceous microfossils</p>
Job Requirement	:	(i) To participate in annual field expeditions to Antarctic. (ii) To play an active role in the work related to the project (iii) To play an active role in data acquisition, processing and interpretation
Project	:	Origin of the largest Geoid Low on the Earth
Name of the Post	:	Project Scientist B
Post Code	:	07
Number of Posts	:	01
Emoluments	:	PB-3 (15600-39100) + GP Rs. 5400 + HRA, DA as per GOI norms
Age	:	35 Yrs
Eligibility Criteria	:	<p><u>Essential:</u> (i) Master’s degree in Geophysics/applied Geophysics from a recognized university with at least 60% marks in the qualifying degree level.</p>
		<p><u>Desirable:</u> (i) Two years of relevant experience in geophysical data acquisition, procession and interpretation. (ii) Knowledge of Geophysical data processing, numerical modeling, interpretation and exposure to UNIX/LINUX/GIS environment with programming skills. (iii) Experience in seismological data processing and interpretation.</p>
Job Requirement	:	(i) To play an active role in work program related to the project & participation in scientific cruise, marine data acquisition, processing & interpretation.
Project	:	Environmental Monitoring and health of Indian Antarctic stations in Pursuit of Antarctica-Treaty System and its Governance

Name of the Post	:	Project Scientist B
Post Code	:	08
Number of Posts	:	01
Emoluments	:	PB-3 (15600-39100) + GP Rs. 5400 + HRA, DA as per GOI norms
Age	:	35 Yrs
Eligibility Criteria	:	Essential: (i) Master's Degree in Chemistry (Organic/Inorganic/Applied /Analytical/Physical) from a recognized university with at least 60% marks in the qualifying degree level.
		Desirable: (i) Two years of academic/R&D experience in the relevant field. (ii) Experience in analytical techniques related to air/water/sediment sample analysis and instrument operation
Job Requirement	:	(i) play an active role in all facets of the work program related to the project, participation in scientific expeditions, data acquisition, processing and interpretation (ii) Any other scientific/technical jobs that may be assigned from time to time.
Project	:	Hydrothermal Sulphides
Name of the Post	:	Project Scientist B
Post Code	:	09
Number of Posts	:	01
Emoluments	:	PB-3 (15600-39100) + GP Rs. 5400 + HRA, DA as per GOI norms
Age	:	35 Yrs
Eligibility Criteria	:	Essential: (i) Bachelor's Degree in Electronics & Communication/Electronics & Instrumentation Engineering or Technology from a recognized university with at least 60% marks in the qualifying degree level.
	:	Desirable: (i) Two years experience in operation/maintenance/handling of scientific analytical instruments like EPMA, XRF, XRD etc
Job Requirement	:	(i) To operate, maintain and upkeep of sophisticated analytical equipments (ii) To assist in the Chemical/instrumental analysis of samples.
Project	:	Hydrothermal Sulphides
Name of the Post	:	Project Scientist B
Post Code	:	10
Number of Posts	:	01
Emoluments	:	PB-3 (15600-39100) + GP Rs. 5400 + HRA, DA as per GOI norms
Age	:	35 Yrs
Eligibility Criteria	:	Essential: (i) Master's Degree in Chemistry/Chemical Sciences/Chemical Oceanography/Environmental Science from a recognized university with at least 60% marks in the qualifying degree level.
	:	Desirable: (i) Experience in the field relevant to the nature of responsibilities, including (1) analysis of major, trace and rare earth elements, isotopes etc. and (2) extraction of dissolved gases, trace metals from seawater.
Job Requirement	:	(i) To play an active role in work related to the project and participation in scientific cruises for marine data/sample collection, analysis etc. (ii) Analysis of seawater and sediment samples for identification of plume locations and hydrothermal deposits. (iii) Development of baseline environmental data.

Project	:	Geoscientific studies of the Exclusive Economic Zone
Name of the Post	:	Project Scientist B
Post Code	:	11
Number of Posts	:	01
Emoluments	:	PB-3 (15600-39100) + GP Rs. 5400 + HRA, DA as per GOI norms
Age	:	35 Yrs
Eligibility Criteria	:	<u>Essential:</u> (i) Master's Degree in Geophysics/Applied Geophysics /Geology/Applied Geology from a recognized university with at least 60% marks in the qualifying degree level.
	:	<u>Desirable:</u> (i) Experience in the field relevant to the nature of responsibilities (ii) Exposure to GIS with programming skills.
Job Requirement	:	(i) To play an active role in work related to the project and participation in scientific cruises; marine data acquisition and processing. (ii) Analysis and interpretation of the Multibeam bathymetric & backscatter data and integration of the results with other geophysical/geological data sets.
Project	:	Scientific drilling in the Indian Ocean through IODP
Name of the Post	:	Project Scientific Assistant Grade A
Post Code	:	12
Number of Posts	:	01
Emoluments	:	PB-2 (Rs.9300-34800) + GP Rs. 4200 + HRA, DA as per GOI norms
Age	:	28 Yrs
Eligibility Criteria	:	<u>Essential:</u> (i) B.Sc. First class (with Geology as one of the subject) with 60% marks or its equivalent qualification from a recognized Board or University. (ii) Basic knowledge of Computer.
	:	<u>Desirable:</u> (i) Two years experience as Research Assistant, Lab Assistant. (ii) Working knowledge of computers and GIS applications.
Job Requirement	:	(i) To assist the scientists in the scientific, laboratory work and any other relevant work assigned from time to time.

General Conditions:

- The last date of submission of online application is**by 05:00pm**. The last date is the cutoff date for all purposes including Age/Qualification/experience etc.
- Applications should be submitted online in the prescribed format. Applications that are not submitted in the prescribed format will not be considered. Separate application should be submitted for each post.
- Age relaxation will be as per the GOI Norms.
- Tenure: The post is purely temporary under the Project mode on contract basis. The assignment is initially for a period of one year or till the completion of the Project, whichever is earlier.
- The prescribed essential qualifications are minimum and the mere possession of the same does not entitle candidates to be called for interview. If the number of applications received in response to advertisement is large, it will not be convenient or possible for the Selection Board to interview all those candidates. So, the Centre may restrict the number of candidates to be called for interview to a reasonable limit of desirable qualification and /or on the record of academic performance and /or relevant experience for the post

prescribed in the advertisement as per the specific requirement of the Centre and/or any other benchmark decided by a committee constituted to screen the applications. No correspondence will be entertained with candidates who are not called for Interview.

- 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.
- **Application procedure:** The entire application procedure is made online. Copies of certificates in support of educational qualifications, date of birth, disability (OH,PH), caste (ST/ST/OBC), experience, no objection certificates, digital signatures, photograph etc. should be uploaded during the online application process. All the uploads should be in .jpg format with the file size less than 100 kb for photograph and signature; less than 500 kb for all educational, caste and experience certificates. Hence, candidates are advised to be ready with all individual scanned documents of their certificates before starting the online application. Candidates must produce the original certificates while appearing for Interview or as and when required. If the certificates are in a language other than English or Hindi, attested translation should be enclosed.
- Application submitted without the scanned copies of the certificates will be rejected.
- The selected candidates are liable to serve anywhere in India and outside.
- Out-station candidates called for interview will be paid to-and-fro Sleeper-class railway/Bus fare by the shortest route on production of proof of journey tickets etc. The candidates need to make their own stay arrangements. NCAOR will not be responsible for any accommodation arrangements.
- Applications received after the closing date or received incomplete in any respect are liable to be summarily rejected. No representation against such rejection will be entertained.
- Director, NCAOR has the right to cancel the recruitment process at any stage, without assigning any reasons thereof.
- The person engaged will not be treated at par with regular employees of NCAOR and shall have no right to claim implicit or explicit for their absorption or regularization in NCAOR.
- Any discrepancies found in the certificate will attract the disqualification of applications. Non production of the original certificates at the time of interview will also make the candidate disqualified. No travel reimbursement will be made to such candidates. Production of the original certificate at the time of interview is must. Candidate's currently working in any other organization need to provide the proof of their current employment with a service/experience certificate from the employer. Appointment order will not be considered as proof of current employment.
- **How to apply:** To apply, the applicant must fill the online application form available at ESSO-NCAOR website <http://www.incois.gov.in/jobs/NcaorVac1116/ncaor1116.jsp> / www.ncaor.gov.in alongwith the scanned documents under the respective post code. The candidates are not required to send any hard copies to the undersigned.
- In case of difficulty in the submission of online application form (not for other queries), please email to ictd@ncaor.gov.in

Sd/-
(Administration -in-charge)