

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.

Advt. No. NCAOR/43/15

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 interested, eligible & prospective candidates of Indian origin, for filling up of 08 (eight) posts of Project Scientist B under the scientific projects. The position is purely temporary and on a project mode, initially for a period of one year. For details visit our website www.ncaor.gov.in

Post Code	Name of the post	No. of Posts	Age limit	Emoluments
Project: Integrated study of Benchmark Glaciers in Chandra Basin Lahaul -Spiti, Western Himalayas.				PB-3 (15600-39100) + GP Rs. 5400 + HRA, DA as per GOI norms
01	Project Scientist B	01	35 Yrs	
02		01	35 Yrs	
Project: Study of Seafloor Hydrothermal Systems in Mid Oceanic Ridges				
03	Project Scientist B	01	35 Yrs	
04		01	35 Yrs	
05		01	35 Yrs	
Project: Geoscientific Studies of the Exclusive Economic Zone				
06	Project Scientist B	02	35 Yrs	
07		01	35 Yrs	

The post wise eligibility criteria and job Requirement is as under:

Project : **Integrated Study Of Benchmark Glaciers In Chandra Basin Lahaul- Spiti, Western Himalayas**

Objective : To study the mass balance and dynamics of selected Himalayan glaciers to understand its impact on hydrology, ecology and climate

Name of the Post : Project Scientist B

Post Code : 01

Number of Posts : 01

Eligibility Criteria : **Essential:**

(i). Masters Degree in Geoinformatics/Geospatial Studies /Remote Sensing or equivalent from a recognized university with atleast 60% marks in the qualifying degree level.

(ii) Physical fitness for fieldwork on Himalayan glaciers

	:	<u>Desirable:</u> Experience: (i) Two years of relevant experience in geomatic/geospatial/remote sensing techniques. (ii) Good working knowledge in physics, mathematics and computer programming (iii) Research and /or field experience in geospatial/geodetic studies of glaciers
Job Requirement	:	(i) To undertake geospatial based glaciological research related to the project including processing and interpretation of various types of satellite data, development of algorithms, generation of DEM, spatial and spectral validation and correction of field and satellite data etc., (ii)To undertake glaciological field studies in Himalayas and play an active role in the glaciological research related to the project.
Name of the Post	:	Project Scientist B
Post Code	:	02
Number of Posts	:	01
Eligibility Criteria	:	<u>Essential:</u> (i) Masters degree in Geophysics/Applied Geophysics/Physics or or equivalent from a recognized university with atleast 60% marks in the qualifying degree level. (ii) Physical fitness for field work on Himalayan glaciers
		<u>Desirable:</u> Experience: (i) Two years of relevant experience in geophysical studies. (ii) Good working knowledge in physics, mathematics and computer programming (iii) Research and /or field experience in acquisition, processing and interpretation of geophysical data and /or modeling.
Job Requirement	:	(i) To undertake geophysical studies on glaciers including acquisition, processing, interpretation of data using Ground Penetrating Radar (GPR), GPS, LiDAR and synthetic aperture radar (SAR) techniques and modelling. (ii)To undertake glaciological field studies in Himalayas and play an active role in the glaciological research related to the project.
Project	:	Study Of Seafloor Hydrothermal Systems In Mid Oceanic Ridges
Objective	:	Exploration for potential sites of hydrothermal multi-metal sulphide mineralization in the CIR and SWIR and development of baseline Environmental parameters.
Name of the Post	:	Project Scientist B
Post Code	:	03
Number of Posts	:	01
Eligibility Criteria	:	Essential: (i). Masters Degree in Geophysics/Applied Geophysics/Marine Geophysics or equivalent from a recognized university with atleast 60% marks in the qualifying degree level.

Desirable:

Experience: (i) Two years of experience in the field relevant to the nature of responsibilities.

(ii) Research and /or field experience in acquisition processing, interpretation and modeling of marine geophysical data

Job Requirement : (i) To play an active role in work related to the project & participation in scientific cruises for marine data/sample collection and processing
(ii) Analysis, interpretation and integration of gravity, magnetic, multibeam bathymetric, SSS and SBP data and integration of the results with other geophysical/geological data sets.

Name of the Post : Project Scientist B

Post Code : 04

Number of Posts : 01

Eligibility Criteria : **Essential:** (i). Masters Degree in Chemistry/Chemical Sciences/Chemical Oceanography or equivalent from a recognized university with atleast 60% marks in the qualifying degree level.

: **Desirable:**

Experience: (i) Two years of experience in the field relevant to the nature of responsibilities.

Experience in (ii) analysis of major, trace and rare earth elements, isotopes etc.

(iii) Extraction of dissolved gases, trace metals from seawater etc.

Job Requirement : (i) To play an active role in work related to the project & 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.

Name of the Post : Project Scientist B

Post Code : 05

Number of Posts : 01

Eligibility Criteria : **Essential:** (i). Masters Degree in Microbiology/Biotechnology/Marine Biology or equivalent from a recognized university with atleast 60% marks in the qualifying degree level.

: **Desirable:**

Experience: (i) Two years of experience in the field relevant to the nature of responsibilities

(ii) Experience in molecular taxonomy of bacteria/ phytoplankton. .

(iii). Experience in handling equipment like RT-PCR and HPLC.

Job Requirement : (i) To play an active role in work related to the project & participation in scientific cruises for data/sample collection analysis etc
(ii) Undertaking work related to bacterial /phytoplankton taxonomy and ecology for baseline characterization and EIA in ridge systems.

Project : **Geoscientific Studies Of The Exclusive Economic Zone**

- Objective : Preparation of comprehensive seabed topographic map of the entire EEZ of the country and studies related to seabed morphology, paleoclimate etc.
- Name of the Post : Project Scientist B
- Post Code : 06
- Number of Posts : 02
- Eligibility Criteria : **Essential:** (i). Masters Degree in Geophysics/Applied Geophysics/ Geology/ Applied Geology or equivalent from a recognized university with atleast 60% marks in the qualifying degree level.
- Desirable:**
Experience: (i) Two years of experience in the field relevant to the nature of responsibilities.
(ii) Exposure to GIS with programming skills.
- Job Requirement : (i) Analysis and interpretation of the Multibeam bathymetric and backscatter data and integration of the results with other geophysical/geological data sets
(ii) To play an active role in work related to the project & participation in scientific cruises, marine data acquisition and processing .
- Name of the Post : Project Scientist B
- Post Code : 07
- Number of Posts : 01
- Eligibility Criteria : **Essential:** (i). Masters Degree in Geology/Applied Geology /Marine Geology or equivalent from a recognized university with atleast 60% marks in the qualifying degree level.
- Desirable:**
Experience: (i) Two years of experience in the field relevant to the nature of responsibilities
(ii) Experience in analytical techniques related to sedimentological & geochemical studies of marine sediment samples.
- Job Requirement : (i) Sedimentological & geochemical analysis of marine sediment samples collected from the offshore domains of India and studies of various paleo-climatic proxies.
(ii) To play an active role in work related to the project & participation in scientific cruises, marine data/sample collection and processing.

Age Limit: 35 years. Age relaxation to the employees of GOI and SC/ST/OBC as per GOI Norms. Age relaxation may also be considered in case of exceptionally deserving candidates.

Reservation: As per GOI norms. However being a project-mode position, if such candidate is not available, the same will be treated as unreserved

Tenure : The post is purely temporary under the Project mode on contract basis. The assignment is initially for a period one year or till the completion of the Project, whichever is earlier.

How to Apply:

1. Candidates are required to apply online latest by 20.06.2015. Applications to be uploaded electronically must be followed by a duly signed hard copy affixing a latest passport size photograph accompanied by copies of certificates on educational and professional qualifications, date of birth, experience, age relaxation, etc. The hard copy of the online application with copies of requisite testimonials must be sent by post in a cover superscribed “APPLICATION FOR THE POST OF and POST CODE” to ‘The Director, National Centre for Antarctic & Ocean Research, Headland Sada, Vasco-da-Gama, Goa – 403804 to reach latest by 20.06.2015 (for those in Assam, Meghalaya, Arunachal Pradesh, Mizoram, Manipur, Nagaland, Tripura, Sikkim, Ladakh Division of Jammu and Kashmir State Lahaul and Spiti District and Pangi Sub-division of Chamba District of Himachal Pradesh, Andaman and Nicobar Islands and the Union Territory of Lakshadweep) latest by 27.06.2015. In case of difficulty in the submission of online application form (not for other queries), please contact by email to ictd@ncaor.gov.in. The last date is the cutoff date for all purposes including Age/Qualification/ etc.
2. Separate application for the separate Post Code should be sent on the above mentioned address.
3. The prescribed essential qualification are minimum and the mere possession of the same does not entitle candidates to be called for interview. If the number of application received in response to Advertisement is large, it will not be convenient or possible for the Assessment 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 experience prescribed in the advertisement as per the specific requirement of the Centre.
4. 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.
5. Attested, clear and readable Photostat copies of “Caste certificate, Discharge Certificate/ Experience certificate, educational qualification (Marksheets for all academic years) etc. should be enclosed along with the application. Candidates will have to produce the original certificate as and when required. If the certificates are in a language other than English or Hindi, attested translation should be enclosed.
6. The selected candidates are liable to serve anywhere in India and outside.
7. 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.
8. Director, NCAOR has the right to relax the eligibility criteria of the candidates of exceptional track record and experience matching to the requirement and also to cancel the recruitment process at any stage, without assigning any reason thereof.
9. The person engaged will not be treated on par with regular employees of NCAOR and shall have no right to claim implicit or explicit for their absorption or regularization in NCAOR.

Sd/-
(Administration -in-charge)