## Advt. No. NCPOR/04/2024

## ESSO - National Centre for Polar & Ocean Research (An Autonomous Society under the MINISTRY OF EARTH SCIENCES, Govt. of India) Headland Sada, Vasco-da-Gama, Goa – 403 804 (www.ncpor.res.in)

The National Centre for Polar & Ocean Research (NCPOR), an Autonomous Society under the Ministry of Earth Sciences, Government of India, New Delhi is the nodal agency responsible for planning, coordinating 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, NCPOR invites application from eligible and prospective candidates of Indian National for filling up the following position under the various scientific projects on project mode on contract basis:

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No	Post Code	Name of the post	Cons	olidated			F	Reserv	ation		Total	Upper
			emo	luments		UR	SC	ST	OBC	<b>EWS</b>	number	age limit
			(*)(]	Rs)							of	
											posts	
1	PS-I-	Project Scientist	Rs.	56000	+	07	05	01	04	01	18	35
	1to15	- I	HRA	1								
2	PS-II-1 to	Project	Rs.	67000	+	07	-	-	-	-	7	40
	7	Scientist-II	HRA	1								

<sup>(\*)</sup> HRA as applicable (at present at 18% for the State of Goa)

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

Project:	PACER – Southern Ocean Programme						
Name of the Post:	Project Scientist-II						
Number of Post:	01						
Post Code:	PS-II-1						
Eligibility Criteria : Essential Qualification:	<ul> <li>i. Master's Degree in Science or Technology in Oceanography/AtmosphericSciences/ Marine Sciences or equivalent OR Bachelor's degree in Engineering / Technology in the relevant subject from a recognized university with atleast 60% marks in the qualifying degree level.</li> <li>ii. Three years' experience in R&amp;D in industrial and Academic institutions or S&amp;TOrganisations and Scientific activities and services related to the specificfields of polar sea ice dynamicsor climate variability or climate data analysis onocean-ice-atmosphere interactions).</li> </ul>						
Desirable:	<ol> <li>Experience in climate data analysis, ocean-ice-atmospheric data processing and interpretation, programming languages/software skills in MATLAB, C++, Python, CDO, FERRET, GRADS, satellite image processing, and GIS.</li> <li>High-quality publications in SCI journals in the relevant field.</li> </ol>						
Job Requirement:	To play an active role in the planning and execution of works related to sea-ice, weather and climate extremes, and/or tropical-polar teleconnection studies in the project studies in the project.						

Name of the Post:	Project Scientist-I
Number of Post:	01
Post Code:	PS-I-1
Eligibility Criteria : Essential Qualification:	i. Master's Degree in Marine Science/ Oceanography/ Physical Oceanography OR Bachelor's degree in Engineering / Technology in the relevant subject from a recognized university or equivalent with at least 60% marks in the qualifying degree level.
Desirable:	<ol> <li>Two years' relevant experience in R&amp;D activities, supported by publication(s) in SCI journal(s), in the areas of: Ocean/Atmosphere data analysis and interpretation.</li> <li>Experience in undertaking ocean observations on-board research vessels.</li> <li>Experience in ocean model/data analysis with working knowledge in programming languages such as MATLAB, Python, FORTRAN, and C and analysis tools such as Ferret, Grads, NCL etc.</li> </ol>
Job Requirement:	i. To play an active role in all facets of the project through participation inSouthern Ocean/Antarctic Expeditions, atmospheric and oceanographic data acquisition/analysis and interpretation for the improved knowledge of various atmospheric and oceanographic processes. Application of numerical models in project themes. Any other job assigned from time to time by the competent authority.
Name of the Post:	Project Scientist-I
Number of Post:	01
Post Code:	PS-I-2
Eligibility Criteria : Essential Qualification:	i. Master's in Marine Sciences/ Marine Chemistry/ ChemicalOceanography/Hydrochemistry/Geochemistry OR Bachelor's degree in Engineering /Technology in the relevant subject from a recognized university orequivalent with at least 60% marks in the qualifying degree level.
Desirable:	<ol> <li>Two years of experience in research &amp; development in ocean biogeochemistry/ nutrient cycle/ carbon cycle/ ocean acidification, etc.</li> <li>Experience in studies of CH4, DMS, and N2O in the marine system with good analytical skill and ability of independent instrument handling.</li> <li>Experience in scientific expeditions and laboratory studies related to marine chemistry</li> <li>High-quality publication(s) in SCI journals.</li> </ol>
Job Requirement:	i) To play an active role in all facets of the project through participation in Southern Ocean/ Antarctic Expeditions and R&D activities leading to scientific publications.
Project:	PACER-Cryosphere & Climate (Antarctica)
Name of the Post:	Project Scientist –II
Number of Post:	01
Post Code:	PS-II-2
Eligibility Criteria : Essential Qualification:	<ul> <li>i.Master's degree in Geology/ Earth Sciences/ Marine Science/ Chemistry/Hydrochemistry/Environmental sciences or equivalent OR Bachelor's degree in Engineering/ Technology in the relevant subject from a recognized university or itsequivalent with atleast 60% marks in the qualifying degree level.</li> <li>ii. Three years' relevant experience in R&amp;D in industrial and Academic Institutions or S&amp;T organizations and scientific activities and services related to geochemistry/hydrochemistry/cryosphere studies.</li> </ul>
Desirable:	<ol> <li>PhD related isotope geochemistry/ geochemistry/palaeoclimatology or cryosphere related studies.</li> <li>Experience in field expeditions and laboratory studies usingICPMS.</li> <li>High-quality publications in SCI journals.</li> </ol>

Job Requirement:	i. To play an active role in the project through participation
	inAntarctic/Himalayan expeditions, ice core studies, chemical and
	non-traditional isotope analyses, development of novel and clean
	methods, interpretation and publication(s).
Name of the Post:	Project Scientist-I
<b>Number of Post:</b>	01
Post Code:	PS-I-3
Eligibility Criteria:	i. Master's Degree in Physics / Meteorology / Climatology / Atmospheric
Essential Qualification:	Sciences or its equivalent OR Bachelor's degree in Engineering or
	Technology in the relevant subject from a recognized university or its
	equivalent with atleast 60% marks in the qualifying degree level
Desirable:	1. Two years' experience in atmospheric observations or numerical
	modelling, preferably in polar regions.
	2. Experience in undertaking polar/ocean expeditions.
	3. Familiarity with programming languages such as MATLAB / Python
Job Requirement:	To play an active role in the planning and execution of studies related to
	atmospheric processes and extreme events in Antarctica as well as tropical-
	polar teleconnections.

Project:	PACER-Cryosphere & Climate (Himalaya)						
Name of the Post:	Project Scientist –II						
Number of Post:	01						
Post Code:	PS-II-3						
Eligibility Criteria : Essential Qualification:	<ul> <li>i. Master's degree in Remote Sensing and GIS/ Geo-informatics/ Geology/ Earthsciences or its equivalent OR Bachelor's degree in Engineering or Technologyin the relevant subject from a recognized university or its equivalent withatleast 60% marks in the qualifying degree level.</li> <li>ii. Three years' R&amp;D experience in glaciology and/or application ofremote sensing in glaciology</li> </ul>						
Desirable:	<ol> <li>PhD in Geo-informatics/ Geology/ Earth sciences / Remote Sensing and GIS or related field.</li> <li>Experience in geospatial technology, image processing/ modelling, fieldstudies including handling of field geospatial instruments.</li> <li>Experience in field glaciological studies in Himalaya.</li> <li>High-quality publications in SCI journals.</li> </ol>						
Job Requirement:	i. To undertake monitoring of Himalayan glaciers using geospatial techniques and field observations; toundertake field expeditions to Himalaya, data interpretation and publication						
Name of the Post:	Project Scientist –I						
Number of Post:	01						
Post Code:	PS-I-4						
Eligibility Criteria : Essential Qualification:	i. Master's degree in Physics /Earth Sciences / Water Resources/ Hydrology/Environmental Sciences or its equivalent <b>OR</b> Bachelor's degree in Engineeringor Technology in the relevant subject from a recognized university or itsequivalent with atleast 60% marks in the qualifying degree level						
Desirable:	<ol> <li>Two years' experience in hydrological observations/modelling,preferably in Himalaya.</li> <li>Experience in establishing and operating field based hydrological instrumentsand field experience in Himalaya.</li> <li>High-quality publication(s) in SCI journal(s).</li> </ol>						
Job Requirement:	i. To undertake studies on hydrological behaviour of Himalayan glacier basins in the context of changing climate; to undertake field expeditions to Himalaya, datainterpretation and publication.						

Project :	PACER – Cryosphere & Climate (Isotope Geochemistry)				
Name of the post:	Project Scientist -I				
<b>Number of Post:</b>	01				
Post Code:	PS-I-5				
Eligibility Criteria :	Master's degree in Geology/Earth sciences/ Marine sciences or equivalent				
Essential Qualification:	OR Bachelor's degree in Engineering or Technology in the relevant subject				
	from a recognized university or its equivalent with atleast 60% marks in the				
	qualifying degree level.				
Desirable:	Desirable:				
	i. Two years' experience in study of trace elements and/or radiogenic				
	isotopes				
	ii. Experience in polar/oceanographic expeditions and sampling.				
	iii. High-quality publication(s) in SCI journal(s).				
Job Requirement:	To play an active role in the analysis of trace metals and/or radiogenic				
1	isotopes as a proxies, undertake expeditions to polar/oceanic regions,				
	interpreting data and publication.				

Project :	PACER-EIA of Polar Stations				
Name of the Post:	Project Scientist–II				
Number of Post:	01				
Post Code:	PS-II-4				
Eligibility Criteria : Essential Qualification:	<ul> <li>i. Master's Degree in Environmental Science / Chemistry/ Environmental Economics or Bachelor's Degree in Environmental or Chemical Engineering or Technology from a recognized University or its equivalent with at least first class (60%) marks in the qualifying degree level.</li> <li>ii. Three years' R&amp;D experience in environmental monitoring/impact assessment/ analysis</li> </ul>				
Desirable:	<ol> <li>PhD in Environmental Science/Chemical Engineering or equivalent.</li> <li>Two years' experience in R&amp;D in industrial or academic institutions or S&amp;T organisation and scientific activities and services in modeling/ GIS/ analytical instruments and operation.</li> <li>High-quality publications in SCI journals.</li> </ol>				
Job Requirement:	<ul> <li>i. Participation in scientific expedition, data acquisition, processing, and Interpretation.</li> <li>ii. Any other scientific/technical jobs that may be assigned from time to time.</li> <li>iii. To undertake field work in polar regions.</li> </ul>				
Project:	PACER - Space Weather Studies				
Name of the Post:	Project Scientist –II				
Number of Post:	01				
Post Code:	PS-II-5				
Eligibility Criteria : Essential Qualification:	<ul> <li>i. M.Sc. Degree in Physics/ Atmospheric Sciences / Space Physics or its equivalent or Bachelor's degree in Engineering or Technology in the relevant subject from a recognized University or its equivalent with atleast 60% marks in the qualifying degree level.</li> <li>ii. Three year's research experience in the field of space weather and atmospheric sciences or related fields with scientific papers in peer-reviewed journals.</li> </ul>				
Desirable:	<ol> <li>Handling of multi-instrument ground and satellite-based datasets including data processing, quality control, and analysis as reflected in publications.</li> <li>Familiarity with any of the programming languages such as MATLAB/IDL/FORTRAN/Python</li> </ol>				
Job Requirement:	i. Work actively for the understanding of Storm-Substorm dynamics and Vertical coupling in atmospheric regions using data of suite of				

	experiments including magnetometers, all-sky camera, ionosonde,
	riometer, GPS etc. operational at Antarctic stations.
	ii. Participation in research expeditions, installation and operation of
Duainet .	atmospheric instruments.  PACER-Infrastructure and Maintenance
Project: Name of the Post:	
Number of Post:	Project Scientist –I 01
Post Code:	PS-I-6
Eligibility Criteria :	i. Bachelor's Degree in Electrical Engineering or Technology in the
Essential Qualification:	relevant subject from a recognized university or AICTE or its equivalent
Essentiai Quanneation.	with at least first class (60%) marks in the qualifying degree level.
Desirable:	1. Minimum two years post qualification experience in planning &
	execution of new Electrical projects involving power cabling, DG set,
	online UPS, Pump, HVAC, Split AC, fire alarm and firefighting system
	and its subsequent maintenance. Knowledge of AutoCAD software.
Job Requirement:	Planning of new projects, Estimate and drawing preparation, preparing of
	Tender document, Bill preparation & processing for payment.
Project :	PACER: Antarctic Program-Past Climate & Ocean Variability
Name of the Post:	Project Scientist –I
Number of Post :	01
Post Code:	PS-I-7
Eligibility Criteria:	
Essential Qualification:	Science or related subjects <b>OR</b> Bachelor's degree in Engineering or
	Technology in the relevant subject from a recognized university or
Desirable:	<ul><li>equivalent with at least 60% marks in the qualifying degree level.</li><li>Two years' R&amp;D experience in paleoceanography/ paleoclimatology.</li></ul>
Desirable.	2. Experience in stable isotopic analysis of marine sediments using
	IRMS.
	3. Experience in past SST reconstruction using trace element ratios of
	microfossils.
	4. High-quality publication(s) in SCI journal(s).
Job Requirement:	To participate in oceanographic expeditions and to quantify past climate
	and oceanographic variability using marine sediment cores, data analysis
	and publication
Project :	PACER: Antarctic Program- Hydrodynamics of the Indian Sector of
N C4 D 4	Coastal Antarctica
Name of the Post:	Project Scientist –II
Number of Post:	01
Post Code : Eligibility Criteria :	PS-II-6  i. MSc in Marine Science/ Physical Oceanography/ Atmospheric
Essential Qualification:	i. MSc in Marine Science/ Physical Oceanography/ Atmospheric Science/ Environmental Science/ Earth Science or its equivalent <b>OR</b>
Essential Qualification.	Bachelor's degree in Engineering or Technology in the relevant
	subject from a recognized university or its equivalent with at least
	60% marks in the qualifying degree level.
Desirable:	1. Three years of research experience in processing and analysis of
	oceanographic/atmospheric data having programming skills in C++
	/ Fortran, R-Studio/Python/Matplotlib, and Matlab;
	2. Experience or seaworthiness to participate in the Southern Ocean
	expedition by ship for ocean-atmospheric data collection;
TID	3. High-quality publication(s) in SCI journal(s)
Job Requirement:	To play an active role in all facets of the project through participation in
	Southern Ocean/Antarctic Expeditions, atmospheric and oceanographic data acquisition, analysis, and interpretation for understanding various
	atmospheric and oceanographic processes. Application of numerical
	models in project themes. Any other job assigned from time to time by the
	competent authority.
Project :	PACER – Arctic Operations
Name of the Post:	Project Scientist -I

Number of Posts :	02
Post Code:	PS-I-8
Eligibility Criteria :	EssentialQualification:
Essential Qualification:	(i)Master's Degree in Physics/ Applied Physics/ Atmospheric Sciences or Bachelor'sDegreeinEngineering/Technologyin Electronics and Communication/ Instrumentation/ Instrumentation and Control Engineering or equivalent from a recognized university with at least 60% marks in the qualifying degree level.
Desirable:	Desirable:  (i) Two years of experience in operation/ maintenance/ handling of different scientific instruments OR Two years of experience in atmospheric / meteorological data collection and analysis  (ii) Experience in atmospheric instruments/measurements or aerosol properties and radiative forcing calculations
Job Requirement:	<ol> <li>Participate in Arctic expeditions and undertake an active role in operation/maintenance of atmospheric instruments in the Arctic on a year-round basis.</li> <li>Processing, analysis and interpretation of aerosol / meteorological/climate data, leading to scientific publications.</li> </ol>
Project :	PACER: Indian Arctic Programme
Name of the post:	Project Scientist -I
Number of Post:	01
Post Code:	PS-I-9
Eligibility Criteria : Essential Qualification:	(i) Master's Degree in Atmospheric Sciences, Oceanography, Physics, Earth system sciences Or equivalent OR Bachelor's degree in Engineering or Technology in the relevant subject from a recognized university or its equivalent with at least 60% marks in the qualifying degree level.
Desirable:	(i) Experience in observation and study of atmosphere including precipitation, clouds, atmospheric vertical structure, circulation and handling of related instruments. Relevant experience in handling atmospheric data. (ii) PhD in relevant field, experienced in polar atmospheric studies and atmospheric modelling.
Job Requirement:	To engage in polar atmospheric observations using ground-based instruments.
Project :	PACER - Antarctic Logistics (Geology)
Name of the Post:	Project Scientist-I
<b>Number of Posts:</b>	01
Post Code:	PS-I-10
Eligibility Criteria :	i. M.Sc Degree in Geology/Applied Geology/M.Sc. Tech Geology or its
Essential	equivalent or Bachelor's degree in Engineering or Technology in the
Qualification:	relevant subject from a recognised University or its equivalent with at least 60% marks in the qualifying degree level.
Desirable:	i. Three years of research experience in geomorphology / sedimentology /surveying and field mapping in high altitude or Polar regions with scientific papers in peer-reviewed journals. ii. Conversant with geomorphic modelling using satellite data and GIS modules, familiarity with programming languages such as MATLAB/Python
Job Requirement:	<ol> <li>Understand the landscape evolution and sedimentology of terrestrial Quaternary deposits.</li> <li>Field data and sample collection, processing, interpretation, and analyses.</li> <li>Participation in Antarctic expeditions for long/short term.</li> </ol>
Project :	SAGE (IODP)

Name of the Post	Project Scientist-I
Number of Post	01
Post Code	PS-I-11
Eligibility Criteria : Essential Qualification:	i. Master's Degree in Geophysics/Marine Geophysics/Geology/Marine Sciences/Earth Sciences or its equivalent or Bachelor's degree in Engineering or Technology in the relevant subject from a recognized university or its equivalent with at least 60% marks in the qualifying degree level.
Desirable:	1. Two years of academic/research experience in seismic data processing and interpretation. Demonstrated excellence through peer reviewed publications  2. Experience in marine geophysical data acquisition.
Job Requirement:	1. To play an active role in the sesimic data processing and interpretation, participation in scientific cruises; proposal development for deep sea drilling, research & development, leading to scientific publication and report preparation.
Project:	SAGE (IOGL)
Name of the Post:	Project Scientist-I
Number of Post:	01
Post Code:	PS-I-12
Eligibility Criteria : Essential Qualification:	i. Master's degree in Geophysics/Applied Geophysics/Marine Geophysics from a recognized university or its equivalent or Bachelor's degree in Engineering or Technology in the relevant subject from a recognized university with at least 60% marks in the qualifying degree level.
Desirable:	<ol> <li>Two years of relevant experience in R&amp;D in industrial and Academic Institutions or S&amp;T organizations and scientific activities and services.</li> <li>Experience in seismological data modelling, seismic tomography and geodynamic modelling.</li> <li>Knowledge of numerical modelling; exposure to seismology software and UNIX/LINUX/GIS/ C++/MATLAB environments with programming skills.</li> <li>Demonstrated excellence through peer reviewed publications</li> </ol>
Job Requirement:	i. To play an active role in seismological data handling, tomography, geodynamicmodelling, participation in scientific cruises for marine seismological dataacquisition.
Project :	OSMART (EEZ)
Name of the Post:	Project Scientist-I
Number of Post:	03
Post Code:	PS-I-13
Eligibility Criteria : Essential Qualification:	i. Master's Degree in Geophysics/Applied Geophysics/ Marine Geophysics/ or its equivalent or Bachelor's degree in Engineering or Technology in the relevant subject from a recognized university or its equivalent with atleast 60% marks in the qualifying degree level.
Desirable:	<ol> <li>Two years of experience in marine geophysics with exposure to GIS and programming.</li> <li>Experience in participation in marine scientific expeditions.</li> <li>Experience in analysis and interpretation of marine geophysical data.</li> <li>High quality publication in SCI journal(s)</li> </ol>
Job Requirement:	<ul> <li>i. To play an active role in work related to the project &amp; participation in scientific cruises, marine geophysical data acquisition and processing.</li> <li>ii. Analysis and interpretation of the multibeam bathymetric and backscatter data and integration of the results with other geophysical and geological data sets.</li> </ul>
Project:	DOM (Deep Ocean Mission)
Name of the Post:	Project Scientist -I
Number of Post:	01
Post Code:	PS-I-14

Eligibility Criteria:	i. Master's Degree in Geology / Applied Geology / Marine Geology
Essential Qualification:	/Geochemistry/ Earth Sciences/Geological Sciences or its equivalent
	orBachelor's degree in Engineering or Technology in the relevant
	subject from a recognized university with at least 60% marks in the
	qualifying degree level.
Desirable:	1. Two years of experience in sediment geochemistry/ rock
	geochemistry, isotope geochemistry, etc.
	2. Operation/ maintenance/ handling of scientific analytical instruments
	like ICP-MS, LA-ICP-MS, XRF, XRD etc.
	3. High-quality publications in peer-reviewed journals.
Job Requirement:	i. Undertake an active role in marine scientific expeditions for the
1	collection of geological samples.
	ii. Analysis of sediment/ rock samples, generation of
	geochemical/isotope data and interpretation of data leading
	to scientific publications.
Name of the Post:	Project Scientist -I
Number of Post:	01
Post Code:	PS-I-15
Eligibility Criteria :	i. Bachelor's degree in Engineering / Technology in Marine Engg. /
Essential Qualification:	Naval Architecture / Mechanical Engg. / Electrical Engg. or its
	equivalent from a recognized university with at least 60% marks in the
	qualifying degree level.
Desirable:	1. Two years of relevant experience in ship operations/ ship management/
	new ship acquisition.
	2. Master's degree in Engineering/ Technology in Marine Engg./
	Naval Architecture/ Mechanical Engg./ Electrical Engg.
	3. Specific experience in design, shipbuilding activities for new
	vesselConstruction.
Job Requirement:	i. To play an active role in new vessel acquisition and research vessel
	management at NCPOR.
	ii. Activities pertaining to research vessel programme planning and
	iii. Implementation, ship and scientific facilities maintenance etc.
	iv. Any other jobs as assigned.
Name of the Post:	Project Scientist -II
Number of Post :	01
Doct Codo	
Post Code:	PS-II-7
Eligibility Criteria:	(i) Master's Degree in Hydro Chemistry / Marine Chemistry / Chemical
	(i) Master's Degree in Hydro Chemistry / Marine Chemistry / Chemical Oceanography / Chemistry / Chemical Sciences or its equivalent or
Eligibility Criteria:	(i) Master's Degree in Hydro Chemistry / Marine Chemistry / Chemical Oceanography / Chemistry / Chemical Sciences or its equivalent or Bachelor's degree in Engineering or Technology in the relevant subject
Eligibility Criteria:	(i) Master's Degree in Hydro Chemistry / Marine Chemistry / Chemical Oceanography / Chemistry / Chemical Sciences or its equivalent or Bachelor's degree in Engineering or Technology in the relevant subject from a recognized university with at least 60% marks in the qualifying
Eligibility Criteria:	(i) Master's Degree in Hydro Chemistry / Marine Chemistry / Chemical Oceanography / Chemistry / Chemical Sciences or its equivalent or Bachelor's degree in Engineering or Technology in the relevant subject from a recognized university with at least 60% marks in the qualifying degree level.
Eligibility Criteria:	<ul> <li>(i) Master's Degree in Hydro Chemistry / Marine Chemistry / Chemical Oceanography / Chemistry / Chemical Sciences or its equivalent or Bachelor's degree in Engineering or Technology in the relevant subject from a recognized university with at least 60% marks in the qualifying degree level.</li> <li>(ii) Three years of experience in research related to water column</li> </ul>
Eligibility Criteria : Essential Qualification:	<ul> <li>(i) Master's Degree in Hydro Chemistry / Marine Chemistry / Chemical Oceanography / Chemistry / Chemical Sciences or its equivalent or Bachelor's degree in Engineering or Technology in the relevant subject from a recognized university with at least 60% marks in the qualifying degree level.</li> <li>(ii) Three years of experience in research related to water column chemistry.</li> </ul>
Eligibility Criteria :	<ul> <li>(i) Master's Degree in Hydro Chemistry / Marine Chemistry / Chemical Oceanography / Chemistry / Chemical Sciences or its equivalent or Bachelor's degree in Engineering or Technology in the relevant subject from a recognized university with at least 60% marks in the qualifying degree level.</li> <li>(ii) Three years of experience in research related to water column chemistry.</li> <li>(i) Experience in participating in marine scientific expeditions, water</li> </ul>
Eligibility Criteria : Essential Qualification:	<ul> <li>(i) Master's Degree in Hydro Chemistry / Marine Chemistry / Chemical Oceanography / Chemistry / Chemical Sciences or its equivalent or Bachelor's degree in Engineering or Technology in the relevant subject from a recognized university with at least 60% marks in the qualifying degree level.</li> <li>(ii) Three years of experience in research related to water column chemistry.</li> <li>(i) Experience in participating in marine scientific expeditions, water sample collection and analysis of chemical parameters.</li> </ul>
Eligibility Criteria : Essential Qualification:	<ul> <li>(i) Master's Degree in Hydro Chemistry / Marine Chemistry / Chemical Oceanography / Chemistry / Chemical Sciences or its equivalent or Bachelor's degree in Engineering or Technology in the relevant subject from a recognized university with at least 60% marks in the qualifying degree level.</li> <li>(ii) Three years of experience in research related to water column chemistry.</li> <li>(i) Experience in participating in marine scientific expeditions, water sample collection and analysis of chemical parameters.</li> <li>(ii) Experience in analysis and interpretation of trace metal and gases in</li> </ul>
Eligibility Criteria : Essential Qualification:	<ul> <li>(i) Master's Degree in Hydro Chemistry / Marine Chemistry / Chemical Oceanography / Chemistry / Chemical Sciences or its equivalent or Bachelor's degree in Engineering or Technology in the relevant subject from a recognized university with at least 60% marks in the qualifying degree level.</li> <li>(ii) Three years of experience in research related to water column chemistry.</li> <li>(i) Experience in participating in marine scientific expeditions, water sample collection and analysis of chemical parameters.</li> <li>(ii) Experience in analysis and interpretation of trace metal and gases in coastal or deep ocean waters and handling of scientific analytical</li> </ul>
Eligibility Criteria : Essential Qualification:	<ul> <li>(i) Master's Degree in Hydro Chemistry / Marine Chemistry / Chemical Oceanography / Chemistry / Chemical Sciences or its equivalent or Bachelor's degree in Engineering or Technology in the relevant subject from a recognized university with at least 60% marks in the qualifying degree level.</li> <li>(ii) Three years of experience in research related to water column chemistry.</li> <li>(i) Experience in participating in marine scientific expeditions, water sample collection and analysis of chemical parameters.</li> <li>(ii) Experience in analysis and interpretation of trace metal and gases in coastal or deep ocean waters and handling of scientific analytical instruments like ICP-MS, HR-ICP-MS, etc.</li> </ul>
Eligibility Criteria : Essential Qualification:  Desirable:	<ul> <li>(i) Master's Degree in Hydro Chemistry / Marine Chemistry / Chemical Oceanography / Chemistry / Chemical Sciences or its equivalent or Bachelor's degree in Engineering or Technology in the relevant subject from a recognized university with at least 60% marks in the qualifying degree level.</li> <li>(ii) Three years of experience in research related to water column chemistry.</li> <li>(i) Experience in participating in marine scientific expeditions, water sample collection and analysis of chemical parameters.</li> <li>(ii) Experience in analysis and interpretation of trace metal and gases in coastal or deep ocean waters and handling of scientific analytical instruments like ICP-MS, HR-ICP-MS, etc.</li> <li>(iii) High-quality publications in peer-reviewed journals.</li> </ul>
Eligibility Criteria : Essential Qualification:	<ul> <li>(i) Master's Degree in Hydro Chemistry / Marine Chemistry / Chemical Oceanography / Chemistry / Chemical Sciences or its equivalent or Bachelor's degree in Engineering or Technology in the relevant subject from a recognized university with at least 60% marks in the qualifying degree level.</li> <li>(ii) Three years of experience in research related to water column chemistry.</li> <li>(i) Experience in participating in marine scientific expeditions, water sample collection and analysis of chemical parameters.</li> <li>(ii) Experience in analysis and interpretation of trace metal and gases in coastal or deep ocean waters and handling of scientific analytical instruments like ICP-MS, HR-ICP-MS, etc.</li> <li>(iii) High-quality publications in peer-reviewed journals.</li> <li>1. Undertake an active role in marine scientific expeditions for the</li> </ul>
Eligibility Criteria : Essential Qualification:  Desirable:	<ul> <li>(i) Master's Degree in Hydro Chemistry / Marine Chemistry / Chemical Oceanography / Chemistry / Chemical Sciences or its equivalent or Bachelor's degree in Engineering or Technology in the relevant subject from a recognized university with at least 60% marks in the qualifying degree level.</li> <li>(ii) Three years of experience in research related to water column chemistry.</li> <li>(i) Experience in participating in marine scientific expeditions, water sample collection and analysis of chemical parameters.</li> <li>(ii) Experience in analysis and interpretation of trace metal and gases in coastal or deep ocean waters and handling of scientific analytical instruments like ICP-MS, HR-ICP-MS, etc.</li> <li>(iii) High-quality publications in peer-reviewed journals.</li> <li>1. Undertake an active role in marine scientific expeditions for the collection of chemical oceanographic data/ samples.</li> </ul>
Eligibility Criteria : Essential Qualification:  Desirable:	<ul> <li>(i) Master's Degree in Hydro Chemistry / Marine Chemistry / Chemical Oceanography / Chemistry / Chemical Sciences or its equivalent or Bachelor's degree in Engineering or Technology in the relevant subject from a recognized university with at least 60% marks in the qualifying degree level.</li> <li>(ii) Three years of experience in research related to water column chemistry.</li> <li>(i) Experience in participating in marine scientific expeditions, water sample collection and analysis of chemical parameters.</li> <li>(ii) Experience in analysis and interpretation of trace metal and gases in coastal or deep ocean waters and handling of scientific analytical instruments like ICP-MS, HR-ICP-MS, etc.</li> <li>(iii) High-quality publications in peer-reviewed journals.</li> <li>1. Undertake an active role in marine scientific expeditions for the</li> </ul>

## **General Conditions:**

- 1. The last date of submission of online application is 21st February, 2024 (Wednesday) by 05:00 PM IST. The last date is the cut off date for all purposes including Age/Qualification/experience etc.
- **2.** The age limit shown against all positions is the normal age limit. The age is relaxable for SC/ST/OBC-NCL will be as per Government of India norms (if the post is reserved for the category). Candidates have to produce a relevant certificate to avail such relaxation.
- **3.** 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. 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.
- **4.** Canvassing in any form and/or bringing any influence, political or otherwise will be treated as disqualification of candidature. No interim correspondence/inquiry will be entertained.
- **5.** Candidates working in Government/Public Sector Undertakings/Autonomous bodies must produce the requisite 'No Objection Certificate' from their employer at the time of interview.
- **6.** Experience will be counted after completion of essential academic qualifications while a completed doctorate degree will be counted as three years' experience in case the doctorate is not mentioned in the essential qualification.
- **7.** In case a candidate has obtained the above degree while in service only his /her service period will be counted towards experience and he/she will not get any additional weightage in experience for acquiring Doctorate towards total period of experience.
- **8.** Doctorate degree will count as three (03) years' experience (in case the doctorate degree is not mentioned as the essential qualification) which shall include the period rendered as JRF/SRF required for obtaining the doctorate degree.
- **9.** The selection for the posts shall be on the basis of performance of the screened-in candidatesin the interview. Director NCPOR reserves the right to decide on the mode of interview either online/offline and in case of online mode through any available online video conferencing mode.
- **10.** Online application submitted without the photo, signature and scanned copies of the Certificates will be rejected.
- 11. The selected candidates are liable to serve anywhere in India and outside.
- **12.** No travelling advance will be paid for attending the interview.
- **13.** The candidates need to make their own stay arrangements. NCPOR will not be responsible for any accommodation arrangements.
- **14.** Director, NCPOR has the right to cancel the recruitment process at any stage, without assigning any reason thereof or vary the number of posts to be filled under each category.
- **15.** Number of vacancies advertised is tentative and the same may increase or decrease on thebasis of the project requirement.

- **16.** Director, NCPOR reserves the right to consider a candidate for higher or lower post/grade on the basis of the assessment during the selection process irrespective of the post for which candidate had applied.
- **17.** Discrepancies found in the certificate or concealing of facts will attract the disqualification of application/termination/disqualification from future recruitments (as applicable). Non production of the original certificates at the time of interview will also make the candidate disqualified.
- **18.** 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.
- 19. At present, the place of posting is at Goa with transfer liability to any part of India.
- **20.** All project positions are purely temporary and on project mode and do not entitle the candidate for any claim for regular/permanent position at anytime. The contract may be extended periodically subject to satisfactory performance.
- **21.** The monthly emolument specified is approximate and may vary as per the guidelines issued by Competent Authority from time to time.
- 22. The full advertisement is available on our website 'www.ncpor.res.in' under career option or <a href="https://onlineform.ncpor.res.in/ncpor202401">https://onlineform.ncpor.res.in/ncpor202401</a>
- **23.** All future updates/amendments, etc. on the instant recruitment shall be uploaded on the NCPOR website only. Accordingly all candidates are advised to visit the official NCPOR website regularly.
- **24. Application procedure:** The entire application procedure is online. Copies of certificates in support of educational qualifications, date of birth, disability, caste (SC/ST/OBC/EWS), experience, no objection certificates, digital signatures, photograph etc. should be uploaded along with the online application. All the uploaded document should be in the form of PDF file and photograph and signature in the form of jpg format. 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 been closed.
- **25. How to apply:** To apply, the applicant must fill the online application form available at ESSO-NCPOR website www.ncpor.res.in / or https://onlineform.ncpor.res.in/ncpor202401 and upload the scanned documents in the online application form. The candidates are not required to send any hard copies by post or through e-mail.
- **26.** Applicants are requested to carefully go through the full text of the advertisement and the instructions in particular.
- **27.** In case of any difficulty in the submission of online application form (not for other queries), please email to <a href="mailto:recruitment@ncpor.res.in">recruitment@ncpor.res.in</a>

- **28.** Instructions to Applicants for submission of online Application:
- i. The Website is best viewed in Firefox ver.70.x, Chrome ver.84.x, and edge latest version.
- ii. Please register with valid e-mail on the recruitment portal, after successful registration email will be triggered at given e-mail address to activate the account.
- iii. To activate your registration on Recruitment Portal, please click on activation link that sent on your already registered e-mail.
- iv. In case the e-mail is not delivered on inbox, please check the spam folder.
- v. Before submitting the online application form, the applicants are requested to go through the advertisement carefully.
- vi. Submit online application form well in advance along-with legible and scanned copies of all required documents. If the documents are in a language other than English or Hindi, then translation certificate should be uploaded.
- vii. The documents should be uploaded in. pdf format (with file size limit between 25KB to 300KB).
- viii. Recent scanned copies of passport-size photograph and Signature should be uploaded in.jpg or .png format (with file size limit between 10KB to 30KB).
- ix. If the name of a University/Institute is not listed in the dropdown list, kindly choose "other"option and enter the name of the University/Institute in the text box.
- x. The applicants are advised to fill in all their particulars carefully in the online application form.
- xi. Please be noted that the online application form is not editable after final submission.
- xii. After filling the online application form, applicants will be directed to apply for posts.
- xiii. Applicants are advised to retain the acknowledgement e-mail and printout of the finally submitted online application form for future reference.
- xiv. In case of any difficulties while submitting online application form please e-mail at o <a href="mailto:recruitment@ncpor.res.in">recruitment@ncpor.res.in</a>.
- xv. The last date of submitting online application form is **21**<sup>st</sup> **February,2024** (**Wednesday**) at 05:00 PM IST.

Sd/-Head (Administration)