



Council of Scientific and Industrial Research National Institute of Oceanography

Dona Paula, Goa - 403004
Website : <https://www.nio.rii.in>



Advertisement No. NIO/01-2025/R&A

Dated : 30.01.2025

Starting date for Submission of Online application:
Last Date for receipt/ submission of Online Application:

14.02.2025 at 10:00 AM onwards
17.02.2025 at 11:59 PM

A Unique Opportunity for Research Career in Ocean Science & Technology at CSIR-National Institute of Oceanography (CSIR-NIO), Goa

Applicants are invited from embassies, young Indian researchers having excellent academic record and proven scientific achievements with requisite experience and a high degree of motivation and desire to take up Research/ICT Management and career to fill up the vacancy of following posts of Scientists as per the data in given below.

Designation	No. of Posts & Reservation	Pay Level (As per 7th CPC)	Total Emoluments (As per 7th CPC)	Upper Age Limit not exceeding (as on the last date of submission of online application as mentioned in the advt.)
Scientist	Total No. of Posts : 17 UR - 09 EWS - 02 OBC (NCL) - 04 SC - 02 (Out of the above 17 Posts, 01 Post is reserved for PwBD (HH))	Level 11 (Rs. 22700-292700)	Rs. 120024* approx. (Inclusive of Basic Pay, DA, PFA, TA etc.)	37 th Years

*Total Emoluments means approximate total emoluments comprising of Pay Level inclusive of Dear Pay, Dearness Allowance(DA), House Rent Allowance (HRA), Transport Allowance (TA) etc. in Class 'Y' City (Goa)

**Postcode and reservation under Reservation column of the desired advertisement.

Abbreviations used-UR - Unreserved, SC - Scheduled Caste, ST - Scheduled Tribe, OBC (NCL) - Other Backward Class (Non-Creamy Layer), EWS (Economically Weaker Section), PwBD (HH) - Persons with Benchmark Disabilities (Hearing Handicapped).

Description of Posts advertised:

Post Code, Number of Posts(s) & Reservation Category(ies)	Essential Qualification	Desirable Qualification and/or Desirable Experience	Job Requirements / Specifications
Post Code - 8-1 12 Posts (01 - UR & 01 - EWS)	Ph.D. submitted in any branch of Science or Eng. needing in areas related to Physical Oceanography.	Expert level Research work in areas of air-sea interaction, Atmospheric boundary layer, Physical Oceanography, Near-shore dynamics / Circulation / Monsoon / Numerical modeling of ocean processes/ Computational Fluid Dynamics / Data Mining and Artificial Neural networks, as evidenced through publications in peer-reviewed SCI Journals.	To undertake scientific research in the relevant areas of laboratory and in field(s) including sea.
Post Code - 8-2 11 Posts (01 - SC)	Ph.D. submitted in any branch of Science or Engineering in areas related to Remote Sensing applied to Coastal Sciences.	Expert level Research work in areas of coastal ocean remote sensing for understanding coastal, estuarine and ocean processes, SAR Interferometry for coastal applications, in-situ observations in coastal, estuarine and ocean waters, evidenced through publications in peer-reviewed SCI Journals.	To undertake scientific research in the relevant areas of laboratory and in field(s) including sea.
Post Code - 8-3 12 Posts (01 - UR & 11 - OBC)	Ph.D. submitted in any branch of Science or Engineering in areas related to Geochemistry of Marine Geochemistry.	Expert level Research work in areas of Analytical Chemistry, Geochemistry, Marine Chemistry, Isotopic geochemistry, Trace Chemistry, Microfluidics, Biogeochemistry, evidenced through publications in peer-reviewed SCI Journals.	To undertake scientific research in the relevant areas of laboratory and in field(s) including sea.
Post Code - 8-4 11 Posts (01 - OBC)	Ph.D. submitted in any branch of Science or Engineering in areas related to Marine Sciences/Chemical Oceanography.	Expert level Research work in areas of Geochemistry / Marine Chemistry / Organic Geochemistry, Isotope studies in water column and sediments, evidenced through publications in peer-reviewed SCI Journals.	To undertake scientific research in the relevant areas of laboratory and in field(s) including sea.
Post Code - 8-5 11 Posts (01 - UR)	Ph.D. submitted in any branch of Science or Engineering in areas related to General Chemistry/Organic Chemistry/ Theoretical Chemistry.	Expert level Research work in areas of extraction, synthesis and characterization of natural products, structural characterization of bioactive Natural products for specific targets, Use of modern analytical and spectroscopic techniques, knowledge of IUPAC and nomenclature for sugarcane, evidenced through publications in peer-reviewed SCI Journals and/or technology development under patents.	To undertake scientific research in the relevant areas of laboratory and in field(s) including sea.
Post Code - 8-6 12 Posts (01 - UR, 01 - OBC & 01 - SC)	Ph.D. submitted in any branch of Science or Engineering in areas related to Marine Sciences/ Marine Biology.	Expert level Research work in areas of Ecology and monitoring of organisms / Phyco and/or Zooplankton / status of marine ecosystem, evidenced through publications in peer-reviewed SCI Journals and/or technology development under patents.	To undertake scientific research in the relevant areas of laboratory and in field(s) including sea.
Post Code - 8-7 11 Posts (01 - UR)	Ph.D. submitted in any branch of Science or Engineering in areas related to Geodetics or Marine Geophysics.	Expert level Research work in areas of Marine Geophysics and/or experience in collection, processing and interpretation of Gravity and magnetic data / Single & multi-channel seismic data / Wide-swath Bathymetry data, evidenced through publications in peer-reviewed SCI Journals. In addition, the applicants having proficiency in Fortran or C programming language duly supported with certificates/awards will be preferred.	To undertake scientific research in the relevant areas of laboratory and in field(s) including sea.
Post Code - 8-8 12 Posts (01 - UR & 01 - EWS)	Ph.D. submitted in any branch of Science or Engineering in areas related to Zoology or Marine Geology.	Expert level Research work in areas of Marine Zoology / Hydrozoa's including phytoplankton / Geomorphology-ecological biology/ Geochemistry/ Petrology, evidenced through publications in peer-reviewed SCI Journals.	To undertake scientific research in the relevant areas of laboratory and in field(s) including sea.
Post Code - 8-9 11 Posts (01 - UR)	Ph.D. submitted in any branch of Science or Engineering in areas related to Archaeology/ Environmental Archaeology.	Expert level Research work in areas of Archaeology, evidenced through publications in peer-reviewed SCI Journals.	For national Extramural or under-researching activities by strong underwater videography and archaeology coastal archaeological excavations and excavations, research and analysis of archaeological findings and artifacts from archaeological sites, preparation of reports and research publications. In addition, to undertake scientific research in the relevant areas of laboratory and in field(s) including sea.