



वैज्ञानिक एवं औद्योगिक अनुसंधान परिषद – राष्ट्रीय समुद्र विज्ञान संस्थान

CSIR- National Institute of Oceanography

दोना पावला 403004, गोवा/ Dona Paula 403004, Goa

मानव संसाधन प्रबंधन / **Human Resource Management**



ADVERTISEMENT NO. NIO/HRM/22-23/43

**Recruitment of Temporary Positions for the R&D projects at
CSIR-NIO, GOA**

CSIR – National Institute of Oceanography, a constituent national laboratory of Council of Scientific & Industrial Research Institute (CSIR), invites applications from eligible candidates for recruitment of the following project staff, purely on a temporary contractual basis to carry out research work on the R&D project and to be engaged in NIO Head Quarters, Goa.

S.No	Project Vacancy Details	Position	Essential Qualifications & Experience required	No. of Posts	*Upper Age Limit (Years)	Monthly Emoluments (Rs.)
01	Variability of upper layer Temperature /salinity fields in the Indian <u>Vacancy Code</u> GAP3489/2330-22 <u>Initial Tenure:</u> 11 Months	Project Associate-I	<u>Essential Qualification:</u> B.E / B.Tech in Computer Science/ Electrical and Electronics Engg / Mechanical Engg / IT or M.Sc Computer Science / IT <u>Desirable Qualification & Job Requirement</u> Knowledge in Python programming. Experience in XBT/XCTD data processing, cruise participation. To participate in the cruise at monthly intervals on board cargo ships/research ships to collect XBT/XCTD data. XBT data processing. Sea surface salinity sampling and analysis using autosal.	01	35 Years	Rs.25000/- Plus HRA as per rules
02	Variability of upper layer Temperature /salinity fields in the Indian <u>Vacancy Code</u> GAP3489/2331-22 <u>Initial Tenure:</u> 12 Months	Project Associate-I	<u>Essential Qualification:</u> M.Sc Oceanography or equivalent with Physical Oceanography specialization <u>Desirable Qualification & Job Requirement</u> Experience in cruise participation and handling of XBT/XCTD data acquisition system. Knowledge in XBT Data processing.Cruise participation on board Research and Merchant vessels for XBT/XCTD/CTD data acquisition. Data processing and analysis.	01	35 Years	Rs. 25000/- Plus HRA as per rules



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03	Variability of upper layer Temperature /salinity fields in the Indian Vacancy Code GAP3489/2332-22 Initial Tenure: 12 Months	Project Assistant	Essential Qualification: B.Sc Mathematics with Physics as a subject/ 3 years Diploma in Computer Science or IT Desirable Qualification & Job Requirement Working knowledge in Python programming.To participate in the cruise/field works at monthly intervals on board cargo ships / research ships to collect XBT data, Sea surface salinity sampling and analysis.	02	50 Years	Rs. 20000/- Plus HRA as per rules
04	Jigyasa 2.0 Vacancy Code HCP0101/2336-22 Initial Tenure: 12 Months	Project Associate-I	Essential Qualification: B.E / B.Tech Electronics and Communication Engineering / Electronics and Telecommunications / Computer Science Engineering/ Mechanical Engineering OR MSc. Electronics/Instrumentation Desirable Qualification & Job Requirement Knowldge in programming C/C++/Python, CAD softwares (Sketch, Solidworks or Autocad).Operation of underwater Robots, Modification of robot programs. Changes in mechanical structure of the Robots for customized use. Participation in Field Work, Boat trips and ship cruise may be required. Organizing work shops and management of student visits.	01	35 Years	Rs. 25000/- Plus HRA as per rules



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05	<p>Geo-Morphological studies and EIA/EMP for the sand Mining Clusters of Rivers in Goa Part -1</p> <p>Vacancy Code GAP3337/2342-22</p> <p>Initial Tenure: 5 Months</p>	Senior Project Associate	<p>Essential Qualification: M.Sc / M.Tech / M.Sc Tech in Geophysics / Marine Geophysics / Exploration Geophysics with minimum 4 Years of R&D Work Experience</p> <p>Desirable Qualification & Job Requirement Ph.D in Geophysics/Marine Geophysics/Science or Submitted.The selected candidates need to assist the Project Leader in Geophysical data acquisition, processing and interpretation. Preparation of project reports and scientific publication. Any other assignment for the fulfillment of the project targets. Working Experience in C/C++, Matlab, GMT, Unix/Linux.</p>	01	40 Years	Rs. 42000/- Plus HRA as per rules
06	<p>Long-term evolution of monsoon and associated processes (LEMAP)</p> <p>Vacancy Code MLP2014/2343-22</p> <p>Initial Tenure: 5 Months</p>	Project Assistant	<p>Essential Qualification: B.Sc Geology</p> <p>Desirable Qualification & Job Requirement Acquaintance to carry out various geochemical analysis, and proficiency in various computer applications.Selected candidate will have to do subsampling of sediment samples, process the samples, digest marine sediments in addition to any other assigned work. Participation in oceanographic cruises.</p>	01	50 Years	Rs. 20000/- Plus HRA as per rules



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07	<p>Development of Artificial Intelligence Tools for Fast and Accurate Qualitative and Quantitative Enumeration of Zooplankton from different Aquatic Habitats (AquaAI)</p> <p>Vacancy Code HCP0042/2344-22</p> <p>Initial Tenure: 6 Months</p>	Project Associate-I	<p>Essential Qualification: B.E/B.Tech. in Computer Science Engineering / Electronics & Communication Engineering / Electronics & Instrumentation Engineering / Electronics & Electrical Engineering or equivalent field.</p> <p>Desirable Qualification & Job Requirement Computer Programming Knowledge. The candidate will be required to do the following: Development of Deep Learning Algorithms for Image Classification. Optimisation of algorithms for GPU based embedded platforms.. Participation in field work for data collection/analysis. Documentation and other project related tasks.</p>	01	35 Years	Rs. 25000/- Plus HRA as per rules
08	<p>Current Observations and Simulations in the Indian EEZ (COSINE)</p> <p>Vacancy Code GAP3487/2347-22</p> <p>Initial Tenure: 12 Months</p>	Project Assistant	<p>Essential Qualification: B.Sc Physics/ Chemistry / Mathematics</p> <p>Desirable Qualification & Job Requirement Experience in participation of oceanographic cruises, operating zooplankton collection gears such as multiple plankton net and bongo net, operation of CTD and collection of seawater samples. Experience in the collection of biofilm samples and analyses. Experience in collection, preservation and estimation of zooplankton biomass. Maintaining cultures of microorganisms in the laboratory.To assist the scientists in laboratory and field for sample collection, processing and analysis. The selected candidate will be required to undertake extensive field work on board oceanographic vessels and boats. Data tabulation and processing.</p>	01	50 Years	Rs. 20000/- Plus HRA as per rules



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***Upper Age Limit not exceeding as on the last date of receiving the applications i.e.
30 October 2022**

How To Apply:

Eligible candidates should email the scanned copies of the following documents to hrdg@nio.org latest by **30 October 2022**.

Applications received after the last date and without the below mandatory documents will be rejected.

- **All the documents including application form to be made SINGLE PDF File in the following order and to be sent to the mentioned email address. The complete file should be saved with the candidate name and to be sent. Individual PDF files will not be considered.**

(I) Scanned copy of the duly filled-in application form, **given at the end of this advertisement.** Followed by,

(II) Scanned copies of

- a) CV/Bio Data with recent color photograph
- b) Educational Qualification Certificate as mentioned in the advertisement essential qualification / Semester Mark sheet or Final Mark sheet is compulsory. Along with this, Degree Award Certificate **or** Provisional Award Certificate . Percentage or CGPA should clearly displayed on any one of the certificate. If certificate doesn't have proper percentage / CGPA / Grade then the application may not be considered. The candidate must ensure to provide proper certificates to ensure their eligibility for the said positions.
- c) Date of Birth Proof (Any valid certificate having DoB such as SSLC, HSC, DoB Certificate, etc)
- d) Category certificate (in case of SC/ST/OBC/PWD candidates). (If applicable)
- e) NET/GATE/SET/Any other Equivalent exam qualification certificate (IF applicable)
- f) Experience certificate (Mandatory for the posts where experience is essential qualification)
- g) Other certificates, if any.

Mode of Selection:

If number of applications are more, then selection committee will fix a criteria to shortlist the applicants. Only shortlisted candidates will be called for the interview. Selection will be done on the basis of online interview through either Skype/Google Meet/Zoom or any other suitable software, as decided by the competent authority.

Applications received after the due date (**30 October 2022**) will be rejected. The short-listed candidates will be informed through e-mail/website.

The interview date will be communicated to the shortlisted candidates through email.



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Terms and Conditions:

1. The engagement will be on purely temporary and contractual basis for the period mentioned in the advertisement. It is exclusively for the above mentioned research work and the tenure shall be co-terminus with the project duration or till the completion of tenure whichever is earlier.
2. The engagement under this project does not confer any right/claim whatsoever either explicitly or implicitly on the appointee for regular appointments in CSIR-NIO/CSIR, against any post or otherwise under any legal conditions precedent. It would therefore, not confer any right/claim, implicit or explicit, on the part of the candidates for regularization/absorption against any post in CSIR/NIO or under any other scheme of CSIR.
3. Performance of the project staff would be reviewed periodically so that any one not found up to the mark, could be terminated with one month's notice or one month's stipend in lieu thereof.
4. The date for determining the upper age limit, qualifications and/or experience shall be the closing date prescribed for submission of applications .
5. The period of experience in a discipline/area of work, wherever prescribed, should be in relevant area of work/field indicated against such position which shall be counted after the date of acquiring the minimum essential educational qualifications prescribed for that position.
6. The students in the final semester and results awaited candidates are not eligible to apply and their applications will not be considered.
7. Stipend may be revised depending on the funding agency guidelines issued time to time.
8. Candidates should note that non-fulfillment of the eligibility criterion will result in cancellation of candidature at any stage.
9. Incomplete applications without proper format and without eligibility supporting documents will not be considered.

CANVASSING IN ANY FORM AND/OR BRINGING IN ANY INFLUENCE OR OTHERWISE WILL BE TREATED AS A DISQUALIFICATION FOR THE POST APPLIED FOR. INTERIM ENQUIRIES MAY NOT BE ENTERTAINED.

~ End



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Application Form for the position of _____

विज्ञापन सं/ Advt. No _____ रिक्ति सं/ Vacancy Code. _____

1. नाम: डॉ/श्री/सुश्री / Name: Dr./Mr./Ms. _____

2. जन्म तिथि/ Date of Birth: _____ 3. मातृभाषा /Mother Tongue: _____

4. संचार के लिए पता/Address for communication: _____

5. फोन/मोबाइल नं/ Phone/Mobile No: _____

6. ईमेल/ Email: _____

7. शैक्षणिक योग्यता/ Education Qualifications:

डिग्री / प्रमाणपत्र Degree/Diploma (Mention Details After HSC)	विषय Subject	विश्वविद्यालय University	उत्तीर्ण होने का वर्ष Year of Passing	कक्षा और अंकों का प्रतिशत Class & % of marks	कोई अन्य विवरण Remarks if any

8. कंप्यूटर प्रवीणता/ Computer Proficiency: _____

9. क्या आप जहाजों / नावों पर लगातार परिभ्रमण पर जाने के लिए तैयार हैं?

Are you prepared to go on frequent cruises on ships/boats are field work? _____

10. श्रेणी - एससी / एसटी / ओबीसी / पीएच / जनरल/

Category – SC/ST/OBC/PH/GEN: _____



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11. पिछले एन आई ओ या किसी अन्य सीएसआईआर लैब में/ Previous experience in NIO or any other CSIR Lab.

सीएसआईआर प्रयोगशाला का नाम Name of the CSIR Lab	पद Designation	से From	तक To	No. Of Years / Months	Nature of Duties

12. किसी भी अन्य संस्थान/संगठन में अनुभव Experience in any other institute/organisation.

संस्थान / संगठन का नाम Name of the Institute/Organization	पद Designation	कार्य की प्रकृति Nature of Duties	से From	तक To

कुल अनुभव/Total experience _____ वर्ष/years _____ महीने/months _____ दिन/Days

13. शोध प्रबंध/परियोजना कार्य का विवरण **Details of Dissertation/Project Work done**

i) संस्थान का नाम / **Institute Name:** _____

ii) विषय / **Topic** : _____

Duration of Internship/Dissertation : From To

14. यदि आपका किसी एन आई ओ / सी एस आई आर कर्मचारियों से घनिष्ठ संबंध है तो कृपया विवरण दें / If you have close relation to any NIO/CSIR staff please give details _____

घोषणा / DELARATION:

मैं इस बात की घोषणा करता हूँ कि मेरे बारे में दी गई जानकारी मेरे ज्ञान और विश्वास के अनुसार सही और सही है। मैं समझता हूँ कि किसी भी सूचना के गलत या गलत होने की स्थिति में: मेरी उम्मीदवारी रद्द होने के लिए उत्तरदायी हूँगा।
 I hereby declare that the information given about is true and correct to the best of my knowledge and belief. I understand that in the event of any information being false or incorrect: my candidature is liable to be cancelled.

दिनांक/ Date: _____

हस्ताक्षर / Signature: _____