

**Recruitment of Project positions for the Deep Ocean Mission (DOM),  
Prithvi Scheme & BBNJ Secretariat at CMLRE, Kochi**



Government of India

**Centre for Marine Living Resources and Ecology**

Ministry of Earth Sciences, Government of India, Atal Bhavan, LNG Road Puthuvype,  
Cochin-682508

**Vacancy Advertisement**

The Centre for Marine Living Resources and Ecology (CMLRE), a premier R&D institute and an attached office of the Ministry of Earth Sciences, is inviting eligible candidates to fill the following **temporary** positions on a project mode during 2025-26. The details about the posts, pay, academic qualifications, nature of duties, etc., are given below:

**Consolidated List of Positions**

S. No	Position	Reservations					Total No. of Posts
		UR	SC	ST	OBC	EWS	
DOM & Prithvi							
1	Project Manager (PM-1)	1					1
2	Project Scientist-II (PS-II)	4					4
3	Project Scientist-I (PS-I)	1					1
4	Senior Research Fellow (SRF)/Project Associate-II & Junior Research Fellow (JRF)/Project Associate-I,	2	1		1		4
5	Project Assistant/Technical Assistant (TA)	1					1
BBNJ Secretariat							
4	Consultant (Scientific)	3					3
5	Consultant (non-technical)	2					2
	Total:	14	1		1		16

<b>Annexure: (Deep Ocean Mission &amp; Prithvi)</b>	
<b>Project Manager (Total Positions – 01)</b>	
Age	: Minimum 45 years
Monthly Emoluments (INR)	: Rs. 1,25,000-2,00,000 /- (Consolidated)
<b>Post Code: PM-1 (Data Management)</b>	
Number of Posts:	: 1
Essential qualification	: Ph.D. in Physics/Oceanography/Marine Science with 20 years of research experience in Oceanography/Ecosystem Process and dynamics/Experience in handling Oceanographic instruments, data, Collection, Processing, Analysis and reporting. Comprehensive Knowledge in handling the marine ecosystem is preferred.
Desirable Experience	: Research Experience in ocean data processing, Ocean dynamics and processes, Comprehensive Knowledge on marine ecosystem and its dynamics. Compilation of the FORV SS data sets, processing and analysing the data, data synthesis and reporting, preparation of documents /reports on MLR, coordinating the work on database development.
<b>Project Scientist–II (Total Positions – 4)</b>	
Age Limit	: 40 years
Monthly Emoluments (INR)	: Rs. 67,000/- + HRA (as per DST norms). : <i>For every 2 years of experience, an increment of 5% is subject to a performance review.</i>
<b>Post Code: PS-II-1 (Cell line and cell culture specialist)</b>	
Number of Posts:	: 1
Essential qualification	: Master's degree in Marine Sciences/Biotechnology/ Fisheries/ Aquaculture/ Biosciences or relevant degree in Life sciences from a recognized university with minimum first class (60 % marks) in the qualifying degree and 3 years of experience in the relevant field.
Desirable Qualification	: Ph.D in the relevant field with proven experience in fish cell culture, animal tissue culture, and proteomic techniques.
Nature of Duties	: Establishment of the cell culture laboratory and augmenting the cell lines repository. Preparation and maintenance of fish/mammalian cell lines, Standardization of culture techniques, cloning, ELISA, SPR, LC/MS, etc. Perform proteome characterization from the developed cell line to identify the novel proteins for biomedical applications. Preparation/compilation of technical reports, books, publications, scientific outreach manuals, etc.
<b>Post Code: PS-II-2 (Artificial Intelligence/Machine Learning expert)</b>	
Number of Posts	: 1

Essential qualification	:	Master's degree in Science or Bachelor's degree in Engineering or Technology in Computer Science/ Information Technology/Data Science/ Electronics & Communication Engineering/Geoinformatics or equivalent from a recognized university with minimum 60% marks in the qualifying degree and 3 years of experience in the relevant field.
Desirable Qualification	:	Ph.D or M.Tech in a relevant field with proven experience in the development of AI models for image/video classification and annotation. Should have working knowledge in Frameworks such as PyTorch/Tensorflow and detection tools such as YOLO and other annotation and deployment tools.
Nature of Duties	:	To develop innovative algorithms and in-house libraries for use in image & video analytics-based applications for underwater videos. Assisting with data collection on the onboard research vessel.
<b>Post Code: PS-II-3 (Molecular Biology/ Biotechnology)</b>		
Number of Posts	:	1
Essential qualification	:	Master's degree in Life Sciences/Biotechnology/Molecular Biology/Genetics/Marine Science or equivalent from a recognized university with a minimum first class (60% marks or equivalent GPA) in the qualifying degree and min 3 years of experience in the relevant field.
Desirable Qualifications	:	Ph.D. or M.Tech in the relevant field with proven hands-on experience in molecular techniques such as DNA/RNA/protein extraction, PCR, RT-PCR, gel electrophoresis, and genomic studies (e.g., phylogenetics, genome/transcriptome sequencing, metagenomic analysis). Experience with bioinformatics tools.
Nature of Duties	:	To support R&D activities in the laboratory or research centre. Participate in oceanographic research cruises for in-situ sample collection and field experimentation. Assist in sample collection, preparation, and analysis for biodiversity or genomic studies; contribute to experimental design, data interpretation, and report writing; provide technical support to scientists in molecular facilities, including equipment maintenance and protocol optimization.
<b>Post Code: PS-II-4 (Fisheries Acoustics)</b>		
Number of Posts:	:	1
Essential qualification	:	M.Sc in Physics/Oceanography/ Marine Science or M.Tech in Ocean Technology from a recognized university with a minimum first class (60% marks or equivalent GPA) in the qualifying degree and min 3 years of experience in the relevant field.
Desirable Qualifications	:	Ph.D in Physics/Oceanography/ Marine Science, Research Experience in large data processing, Ocean dynamics, underwater acoustics, good computational and programming skills.
Nature of Duties	:	Marine ecosystem dynamics, underwater acoustics, large data processing & cruise participation.
<b>Project Scientist–I (Total Positions – 1)</b>		

Age Limit	: 35 years
Monthly Emoluments (INR)	: Rs. 56,000/- + HRA (as per DST norms). <i>For every 2 years of experience, an increment of 5% is subject to a performance review.</i>
<b>Post Code: PS-I-1 (Fisheries Acoustics)</b>	
Number of Posts	: 1
Essential qualification	: M.Sc in Physics/Oceanography/Marine Science, or M.Tech in Ocean Technology or equivalent from a recognized university with a minimum first class (60% marks or equivalent GPA) in the qualifying degree.
Desirable Qualifications	: Ph.D in Physics/Oceanography/Marine Science and/or 3 years of experience in Bio/fisheries acoustics, good computational and programming skills.
Nature of Duties	: Bio/fisheries acoustics- target strength-signal identification data processing-biomass estimation & cruise participation.

#### **Senior Research Fellow (SRF)/Project Associate - II (Total Position – 2)**

Age Limit	: 32 years.
Monthly Emoluments (INR)	: (i) Rs. 42000 + HRA (NET/GATE qualified candidate)* (ii) Rs. 28000 + HRA (without NET/GATE qualified candidate)#
* Scholars who are selected through (a) National Eligibility Tests-CSIR/ UGC/ ICAR NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and institutions. # For others who do not fall under (i) above.	

#### **Post Code: SRF-1 (Marine Taxonomist – Vertebrate/Invertebrate)**

Number of Posts:	: 1
Essential qualification	: Master's degree in Marine Biology/Zoology/Fishery Science/Marine Sciences/Life Sciences or equivalent from a recognized university with at least first class (60% marks) in the qualifying degree and 2 years of relevant research experience.
Desirable Qualifications	: Proven experience/knowledge in marine vertebrate fauna, especially with the taxonomy of marine fish communities or taxonomy of invertebrate fauna (such as Echinoderms/sponges/cnidarians), biodiversity assessment.
Nature of Duties	: To support the R&D activities of the Centre. Participate in the cruises, collection and preparation of samples for analysis and extend support to the scientists in laboratory analysis of samples. Preparation/compilation of technical reports, books, publications, scientific outreach manuals, etc.

#### **Post Code: SRF-2 (Geoinformatics/Remote sensing)**

Number of Posts:	: 1
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Essential qualification	: Master's degree in Science or Bachelor's degree in Engineering or Technology in Geoinformatics/Remote Sensing & GIS/Geophysics/Marine Geology/ or equivalent from a recognized university with at least first class (60% marks) in the qualifying degree and 2 years of experience in the relevant field.
Desirable Qualifications	: M.Tech in the relevant field with proven experience with GIS software such as ArcGIS/QGIS and mapping of deep-sea animals in seamounts of Indian waters, and biodiversity assessment
Nature of Duties	: To support the R&D activities of the Centre. Participate in the cruises, collection, and analysis of geospatial data. Creation of thematic maps on marine living resources. Preparation of technical reports, publications, scientific outreach manuals, etc.

#### **Junior Research Fellow (JRF)/Project Associate -I (Total Position - 2)**

Age Limit	: 28 years.
Monthly Emoluments (INR)	: (i) Rs. 37000 + HRA (NET/GATE qualified candidate)* (ii) Rs. 25000 + HRA (without NET/GATE qualified candidate)#

\* Scholars who are selected through (a) National Eligibility Tests- CSIR/UGC/ICAR/ICMR/DBT NET, including lectureship (Assistant Professorship) or GATE, or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and institutions.

# For others who do not fall under (i) above.

#### **Post Code: JRF-1 (Molecular Biology/ Biotechnology)**

Number of Posts:	: 1
Essential qualification:	: Master's degree in Biotechnology/Molecular Biology/Genetics/Microbiology, or equivalent degree in Life Sciences from a recognized university with a minimum first class (60% marks or equivalent GPA) in the qualifying degree.
Desirable Qualifications	: Basic hands-on experience in molecular biology techniques, such as DNA/RNA extraction, PCR, RT-PCR, or gel electrophoresis, gained through academic projects, internships, or coursework. Familiarity with basic bioinformatics tools (e.g., sequence analysis software) or lab safety protocols is a plus. Strong interest in learning advanced techniques (e.g., next-generation sequencing, metagenomics) and ability to work collaboratively in a team.
Nature of Duties	: Assist in R&D activities by participating in oceanographic research cruises for in-situ sample collection, preparation, and analysis in molecular biology experiments. Help maintain laboratory equipment, reagents, and records under the guidance of senior researchers. Participate in training for advanced molecular techniques (e.g., NGS, qPCR) and contribute to data organisation and preliminary analysis. Support scientists in ongoing projects, including literature reviews and preparation of basic reports or presentations.

#### **Post Code: JRF-2 (Bioinformatics)**

Number of Posts:	: 1
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Essential qualification:	: Master's degree in Bioinformatics/Computational biology/Biotechnology or equivalent from a recognized university with minimum first class (60% marks) in the qualifying degree.
Desirable Qualifications	: Experience in NGS data analysis, developing pipelines using docket & nextflow, proficiency in Python/Perl, R, Linux shell scripting.
Nature of Duties	: To support various types of bioinformatics activities such as NGS data analysis, curation of biological databases, developing scripts and programs and writing scientific reports.
<b>Project Assistant/Technical Assistant (Total Positions – 1)</b>	
Age Limit	: Age up to 50 years.
Monthly Emoluments (INR)	: 20,000 /- +HRA *Increment of 15% per 3 years of Experience with maximum ceiling of 4 such revisions i.e., up to 12 years of Experience.
<b>Post Code: TA-1 (Data Processing)</b>	
Number of Posts:	: 1
Essential qualification	: B.Sc. in Marine Science /Fishery Science, or a 3 year diploma in Ocean-related subjects with minimum of 60 percentage of marks in qualifying degree.
Desirable Qualifications	: M .sc. in Oceanography /Marine Science /Fishery Science or 2 years relevant experience in Ocean data handling/plotting/analysis. Preference for candidates having computational and programming skills.
Nature of Duties	: To support the data processing, plotting and analysis.
<b>BBNJ Secretariat</b>	
<b>Consultant – Scientific: (Total positions -3)</b>	
Age Limit	: Age up to 65 years (relaxation up to five years)
Monthly Emoluments (INR)	: ₹80,000/- (Fixed)
<b>Post code: CIA-1 (Economic Impact Assessment, Marine Bioprospecting, Marine Protected Areas)</b>	
Number of Posts:	: 1
Essential qualification & Experience	: Master's degree in Zoology/Marine Biology/Marine Sciences or equivalent from a recognized university with a minimum of 60% marks and Minimum 15 years of experience (after obtaining the essential qualification) in R&D in marine research, with at least 4 years of experience in ocean affairs.
Desirable Qualification	: Doctoral degree in Zoology/Marine Biology/Marine Sciences; experience in planning and conducting EIA, bioprospecting, and managing Marine Protected Areas.

Nature of Duties	:	<ol style="list-style-type: none"> <li>1. Monitor Environmental Impact Assessment (EIA) studies.</li> <li>2. Develop and strengthen institutional capacity and national regulatory frameworks or mechanisms.</li> <li>3. Conduct consultations with relevant stakeholders.</li> <li>4. Undertake exploratory surveys on board research vessels in Areas Beyond National Jurisdiction (ABNJ).</li> <li>5. Prepare scientific/technical reports.</li> </ol>
<b>Post Code: CLA-1 Legal Affairs</b>		
Number of Posts:	:	1
Essential qualification & Experience	:	Master's degree in Maritime Law or equivalent from a recognized university and Minimum 15 years of experience (after obtaining the essential qualification) in R&D in marine research, with at least 4 years in ocean affairs.
Desirable Qualification	:	Doctoral degree in Marine Science, Marine Conservation, or International Law with a special focus on BBNJ.
Nature of Duties	:	<ol style="list-style-type: none"> <li>1. Oversee legal aspects of the BBNJ Agreement.</li> <li>2. Conduct a comprehensive legal review of India's primary maritime legislation.</li> <li>3. Review international maritime governance mechanisms and suggest appropriate institutional frameworks.</li> <li>4. Consult legal experts and stakeholders to validate findings and recommendations.</li> </ol>
<b>Post Code: CMG-1 Marine Genomics and Bioprospecting</b>		
Number of Posts:	:	1
Essential qualification & Experience	:	Master's degree in Zoology/Marine Biology/Marine Sciences or equivalent from a recognized university and Minimum 15 years of experience (after obtaining the essential qualification) in R&D in marine research, including at least 4 years in marine biodiversity documentation and bioprospecting.
Desirable Qualification	:	Doctoral degree in Zoology/Marine Biology/Marine Sciences; experience in sequencing, bioprospecting, and international cooperation in marine genetic resources.
Nature of Duties	:	<ol style="list-style-type: none"> <li>1. Develop a digital sequence information (DSI) repository.</li> <li>2. Ensure fair and equitable sharing of benefits arising from Marine Genetic Resources (MGR) and associated DSI.</li> <li>3. Prepare scientific/technical reports.</li> </ol>
<b>Consultant - Non-Technical (Total Positions – 2)</b>		
Age Limit	:	Age up to 65 years (Preferably 63 years).
Monthly Emoluments (INR)	:	Consultant in Section Officer Grade will get the consultation fees @ Rs. 35000/month or Last Basic pay drawn - Basic pension, whichever is less, along with Transport Allowance as per instruction contained in DoE OM No.3-25/2020-III.A.



		[Income tax or any other tax will be deducted at source as per the government norms.]
<b>Post Code: Administrative Consultant (Establishment/Administration)</b>		
Number of Posts:	:	1
Essential qualification	:	Retire at the level of Section Officer or equivalent/above (Pay Level 8). Must be acquainted with the functioning of Central Government Offices. Having a good working knowledge of computers (MS Office) & experience in Establishment/ Administrative matters/ Procurement procedures through the Government e-Marketplace (GeM).
Nature of Duties	:	Handling of General Administrative/Establishment matters - evaluation of tender documents/procurement procedures through the GeM portal, assisting in arrangements of official meetings.
<b>Post Code: Section Officer (Finance)</b>		
Number of Posts:	:	1
Essential qualification & Experience	:	Retire at the level of Section Officer or equivalent/above (Pay Level 8). Must be acquainted with the functioning of Government/Ministries. Having good working knowledge in computer (MS Office) & experience in Financial matters such as GFR, DFPR, Audit, Financial Management system etc.
Nature of Duties	:	Budget preparation, maintenance of procurement & expenditure details, financial records, and other financial-related matters assigned by the Project Director from time to time.

#### **Registration Link to participate in the interview:**

- Candidates who wish to appear for the interview are requested to register their names using the following link: <https://forms.gle/eAJpQEnMCHPZRdh8> on or before **3rd November 2025, 5:00 PM**.
- Candidates are advised to self-evaluate their candidature against the prescribed requirements carefully prior to registration.
- Depending upon the number of registrations, the date for the interview will be announced on the CMLRE website subsequently.

#### **Mode of initial screening of candidates before the interview**

- The original documents supporting the claim for experience, essential qualifications, age, and so on will be verified prior to the interview. No excuses will be accepted.
- In case of any dispute, the decision of the verifying officer will be final.

#### **General Terms and Conditions**

1. The due date of registration will be considered as the cut-off date for calculation of Age/Qualification/experience etc.
2. All project positions are purely temporary and on a project basis and do not qualify the candidates for any claim for a regular/ permanent position at any time.



3. Age relaxation in case of SC/ST/OBC/EWS/PH/other relaxation category candidates will be as per Government of India norms.
4. Canvassing in any form and /or bringing any influence, political or otherwise, will be treated as a 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. The prescribed essential qualifications are minimum, and the mere possession of the same does not entitle candidates to be considered for selection. If the number of candidates appearing for a interview 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 or suitability as per the job requirement mentioned 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 an Interview.
7. The number of vacancies advertised is tentative, and the Director, CMLRE reserves the right to increase/decrease the positions depending on the need.
8. Doctoral degree will be counted as three years' experience wherever PhD is not mentioned as the essential qualification, subject to the condition that the doctoral work is in the relevant field.
9. Discrepancies found in the certificate or concealing of facts will attract the disqualification of the application/termination/disqualification from future recruitments (as applicable). Non-production of the original certificates at the time of the interview will also make the candidate disqualified.
10. The selection of the candidates shall be on the basis of the performance of the candidates in the interview only and the decision of the selection committee is final.
11. Selected candidates will be offered an appointment initially up to March 2026, and an extension of another two to three years would be subject to the approval of the competent authority from time to time based on a periodical performance review.
12. The monthly emolument specified is approximate and may vary as per the guidelines issued by the Competent Authority from time to time.
13. CMLRE will not pay TA/DA for attending the interview/written examination, nor make any arrangements for accommodation.
14. Director, CMLRE has the right to cancel the recruitment process either fully or partially at any stage, without assigning any reason thereof or varying the number of posts to be filled under each category.
15. Director, CMLRE reserves the right to keep the vacancy unfilled if suitable candidates

are not found.

16. The full advertisement is available on our **website [www.cmlre.gov.in](http://www.cmlre.gov.in)** as “**Vacancy Circular 2025**” under the **Careers** tab and **News and Updates**.
17. All correspondence related to the recruitment is to be submitted only to the following e-mail address: **[cmlre.vacancies@gmail.com](mailto:cmlre.vacancies@gmail.com)**. CMLRE will not entertain any other mode of correspondence in this regard.
18. All future updates/amendments related to this recruitment shall be made available only on the CMLRE website ([www.cmlre.gov.in](http://www.cmlre.gov.in)); as such, all candidates are advised to visit the official CMLRE website regularly.

**Other Terms and Conditions – (Consultant- Non-Technical)**

1. The consultant at the level of Section Officer must have retired from the post of Section Officer or an equivalent post.
2. Engagement will be offered initially up to March 2026, and an extension would be subject to the extension approval of the competent authority from time to time, based on a periodical performance review or as needed for the project.
3. Consultant posts are purely temporary and on a need basis, will not be entitled to absorption to the post held by her/him or any other benefits as applicable to the regular employees.
4. The consultant shall be required to observe the normal office hours and may also be called upon to attend the office on Saturday, Sunday, or any holidays in case of exigencies of work.
5. Consultants will be allowed a paid leave of absence at the rate of 1.5 days for each complete month of service. However, accumulation of leave beyond a calendar year may not be allowed.
6. No typing assistants shall be provided.
7. The consultant will be required to give an undertaking that they will adhere to the principles of fairness, impartiality, transparency, and will avoid conflict of interest respecting relevant Government policies and principles.
8. Termination of the contract post:

CMLRE Office may terminate the contract to which the following terms apply, if:

- 8.1 The consultant is unable to address the assigned work.
- 8.2 The quality of the assigned work is not satisfactory to the competent authority.
- 8.3 The consultant is found lacking in honesty and integrity.
- 8.4 The competent authority may also terminate the contract at any time

8.5 Without assigning any reason and without any advance notice.

**Other Terms and Conditions – (Consultant- Scientific)**

1. The procedure & terms for engagement of Consultants (Scientific) will be as per the Department of Biotechnology guidelines dt.4<sup>th</sup> January, 2021 F.No. A-42/18/2020-ESTT-DBT.

Sd/

Head of Office, CMLRE, Kochi

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