



OFFICE OF THE DoRD

No. IITGOA/DoRD/13/REC/2024

Date: 29.10.2024

ADVERTISEMENT FOR SENIOR RESEARCH FELLOW

Applications are invited for the position of Senior Research Fellow under the Project titled “**Marine Species Identification and Recognition Using AI**” in the School of Mathematics and Computer Science, IIT Goa. The Ministry of Earth Science sponsors the project. The research fellow will travel to CMLRE, Kochi and also NIOT Chennai and will participate in a scientific cruise expedition if required.

<b>Nature of work</b>	<p>Conduct advanced research, develop and optimize AI algorithms for marine species identification, lead data collection and analysis, and mentor student researchers.</p> <ul style="list-style-type: none"> <li>- Conduct advanced research on AI-driven methods focusing on development of new CNN/DNN models in computer vision</li> <li>- Develop and optimize CNN/DNN models in computer vision</li> <li>- Lead data collection, pre-processing, and analysis</li> <li>- Write research papers</li> <li>- Contribute to project milestones</li> </ul>
<b>No. of Position</b>	<b>One</b>
<b>Duration of appointment</b>	Initially, for a period of 1 year. It can be extended based on performance.
<b>Eligibility</b>	<p><b>Essential Qualification:</b></p> <ul style="list-style-type: none"> <li>- B.Tech degree in Computer Science &amp; Engineering or Information Technology or Maths and Computing with two years of research experience</li> <li>- Should have qualified GATE score.</li> </ul> <p><b>Desirable Qualification:</b></p> <ul style="list-style-type: none"> <li>- M. Tech. degree in Computer Science, Information Technology (with qualified GATE)</li> </ul> <p><b>Skills Desirable:</b></p> <ul style="list-style-type: none"> <li>- Extensive coding skills (Python, PyTorch, Tensorflow, MATLAB).</li> <li>- Proficiency with machine learning and deep learning algorithms.</li> <li>- Experience in image processing and computer vision.</li> <li>- Strong analytical and problem-solving skills.</li> <li>- Excellent communication skills.</li> <li>- Experience in research publications is a plus.</li> </ul>
<b>Salary</b>	Rs. 42,000/- Per Month
<b>HRA</b>	As per the norms
<b>DA</b>	Not applicable
<b>Medical Benefits</b>	As per the institute's norms
<b>Leave entitlements</b>	As per the institute's norms
<b>How to apply</b>	Interested candidates can fill out the below form. <a href="https://forms.gle/ZG1zFbv8XXKuhokju8">https://forms.gle/ZG1zFbv8XXKuhokju8</a>
<b>Last Date of application</b>	18.11.2024, 5:00 PM (For any update regarding the last date of submission of the application, candidates have to visit <a href="https://iitgoa.ac.in/project-position/">https://iitgoa.ac.in/project-position/</a> )

**General Instructions:**

1. If the number of applications received in response to an advertisement is large, the constituted selection committee 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 any other benchmark decided by a committee constituted to screen the applications. No communication will be entertained with candidates who are not called for an Interview.
2. If the applicants have any questions, they can write to [res-staff-rect@iitgoa.ac.in](mailto:res-staff-rect@iitgoa.ac.in), and in the subject, they have to mention the Institute project number “2024/EMR/SP/072”.

3. Informal inquiries via email may be made with Chief Investigator – Dr. Shitala Prasad, Assistant Professor, School of Mathematics and Computer Science: [shitala@iitgoa.ac.in](mailto:shitala@iitgoa.ac.in)

4. The appointment is purely temporary and can be terminated with one month's notice on either side but will terminate automatically on completion of the research project. If the funding agency terminates the project, the appointment will also stand terminated.

5. The appointed person shall have no claim of appointment/absorption in the funding Agency or IIT Goa.

6. The qualification prescribed should have been obtained from recognized Universities / Institutions.

7. No TA/DA will be admissible for appearing for the interview.

8. Selected candidates will have to join in a reasonable time upon receipt of the offer.

9. HRA as per the norms shall be paid to the selected candidate in case hostel accommodation is unavailable. The selected candidate may be allowed to register for PhD upon clearing the PhD admission process.

**Sd/-  
Assistant Registrar (R&D)**