



Indian Institute of Technology Guwahati

Research and Development Section

Guwahati-781039, Assam

Applications are invited for an **Online interview** for the following post(s) in the project entitled, "**Design of Underwater Glider based on Hybrid Buoyancy Engine**" at the Department of Mechanical Engineering, IIT Guwahati.

Date: 17th August 2026 (Monday)

Time: 11.00 am

Last date of Application: 15th August 2026 (Saturday)

Venue: Online Interview (MS-Teams)

Sl. No.	Designation	Number of Vacancies	Pay Recommended (Rs.)	HRA (Rs.)	Medical (Rs.)	Total Amount (Rs.)	Duration of Appointment in months	Qualifications
1	SRF	01	42,000/-	4,200/-	---	46,200/-	11	Essential Qualification: -Post Graduate degree in below mentioned areas selected through National Eligibility Test - CSIR-UGC NET including lectureship (Assistant Professorship) and GATE. - M.Tech/M.E. in: • Mechanical Engineering • Mechatronics Engineering • Control Systems Engineering • Instrumentation Engineering • Marine Engineering • Ocean Engineering • Aerospace Engineering • Robotics & Automation • Electrical Engineering (Control & Automation specialization) • Or allied disciplines AND - Minimum 2 years of relevant experience in MATLAB/Simulink (candidates must be able to justify their experience through projects, publications, industrial work, or research contributions)

								OR - Ph.D. (Thesis Submitted/Completed) in any of the above-mentioned disciplines with demonstrated experience in MATLAB/Simulink and control system modeling/simulation. Preferred Areas: - MATLAB & Simulink Modeling - Control System Design and Analysis - Dynamic Modeling and Simulation - Autonomous Underwater Vehicles (AUVs) - Underwater Gliders, ROVs and Marine Robotics - Guidance, Navigation and Control (GNC) - Embedded Systems and Real-Time Control - Robotics and Mechatronics - System Identification and Optimization - Ocean Engineering and Marine Systems - Digital Twin and Simulation-Based Design Additional Preference: Candidates having prior experience in: • Underwater Vehicle Simulation • ROV/AUV/Glider Control Systems • Marine Robotics Research • MATLAB/Simulink-based Control System Development • Hardware-in-the-Loop (HIL) Simulation • Autonomous Navigation Systems will be given preference.
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Job Location: NIT Rourkela, Odisha, India

Field Testing: Selected candidate will occasionally visit IIT Guwahati for underwater glider testing and experimental trials.

Shortlisted candidates will be informed via E-mail on 16th August 2026 (Sunday).

Candidates are required to appear for an Online Interview scheduled on **17th August 2026 (Monday) at 11:00 AM.**

Selection will be based on the performance of the candidate in the Online interview. Candidates will not be sent any call letter separately.

For any clarification, contact: Biranchi Panda (Principal Investigator)

Email: pandabiranchi@iitg.ac.in

Phone: 0361 2582684

How to apply and selection process:

Interested and eligible candidates should apply online by visiting the Recruitment Portal of Research & Development Cell, IIT Guwahati (<https://iitg.ac.in/rndproj/recruitment/>).

Applicants must carefully follow the instructions and guidelines provided on the portal. The relevant position can be accessed by searching for the project title as mentioned in this advertisement.

For any technical assistance related to the online application process, candidates may email to ernd@iitg.ac.in.

No campus accommodation will be available for the selected candidates.

No TA/DA will be paid to the candidates for appearing in the test and interview.