



# 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: 10<sup>th</sup> July 2026 (Friday)**

**Time: 11.00 am**

**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 (Direct)	01	42,000/-	6,720/-	---	48,720/-	11	Essential Qualification: - 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.

**Job Location:** NIT Rourkela, Odisha, India

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

Candidates are also required to appear for an Online Interview scheduled on **10<sup>th</sup> July 2026 (Friday) 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](mailto: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](mailto:ernd@iitg.ac.in).

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Assistant Registrar (R&D)