

Applications are invited for **Online Interview** for the project position of: **Junior Research Fellow** in a TIH-IITG sponsored project entitled “**Design and Development of a Motion Planning and Control Scheme for an AUV swarm with Application to Underwater Surveillance**” at IIT Guwahati TIDF. The appointment will be for **7 months**, may be extended based on fund availability and candidate’s performance.

**Last date for applying: 18.05.2024**

**Date and Time of Interview: Shortlisted candidates will be intimated via email**

**Mode: Online**

Sl. No.	Project Staff Designation	Number of Vacancies	Pay Range (Rs.)	Duration of Appointment	Qualifications
01.	Junior Research Fellow	01	31,000.00 (Consolidated)	7 months	BE/BTech (or equivalent) with sound knowledge of basic Control Engineering and Embedded Systems Programming.

**Desirable:**

- The ideal candidate should possess a strong sense of independence, capable of making autonomous decisions, managing troubleshooting tasks efficiently and driving scientific initiatives forward.
- The candidate should have experience in basic Control Engineering and Embedded Systems Programming.

**Responsibilities:**

The main responsibilities of this project will be the following:

1. Hardware design of low-cost, small-scale Underwater Bots;
2. Implementation of cutting-edge motion planning and control algorithms on a group of underwater bots with an application to underwater surveillance.

**How to apply and selection process:**

Interested candidates may mail their CV with mark sheets, certificates of educational qualifications and experiences (if any) along with copies of relevant documents to [parijat.bhowmick@iitg.ac.in](mailto:parijat.bhowmick@iitg.ac.in), [bhawal@iitg.ac.in](mailto:bhawal@iitg.ac.in) and [anirban.dasgupta@iitg.ac.in](mailto:anirban.dasgupta@iitg.ac.in) on or before **18<sup>th</sup> May 2024**. The shortlisted candidates with relevant academic qualification and experience will be intimated by email.

For any clarification, contact by e-mail: [parijat.bhowmick@iitg.ac.in](mailto:parijat.bhowmick@iitg.ac.in)

Selection will be based on the performance of the candidate in the interview.

The candidates who are already employed under Central/State Govt./ PSU/ Autonomous Bodies/ Private Organization etc. will have to submit a No-objection Certificate (NOC) from the concerned employer in advance or at the time of interview failing which the candidate will not be allowed to appear for an interview.