



Birla Institute of Technology & Science, Pilani

Pilani Campus

Grants Consultancy and Industrial Research (GCIR)

ADVERTISEMENT FOR RESEARCH STAFF (PROJECT ASSISTANT) POSITION

Date: 05 February 2024

About: Applications are invited from interested and motivated candidates for the post of Project Assistant in a time bound research project sponsored by the **Drone Vionics Pvt. Ltd** for a temporary period purely on contractual basis as per the following details:

Position:	Project Assistant
Number of Vacancy:	01
Project Title:	Heat transfer characterization of enhanced condenser tubes for a typical two-phase immersion cooling system
Funding Agency:	Drone Vionics Pvt. Ltd
Principal Investigator (PI):	Dr. Aneesh A M, Department of Mechanical Engineering
Project Tenure:	6 Months
Job Description:	<p>We are seeking a highly motivated and detail-oriented Project Assistant to support our research team in conducting an experimental study on two-phase flows. The successful candidate will play a crucial role in the planning, execution, and documentation of experiments related to fluid dynamics, with a focus on two-phase flow phenomena. Responsibilities:</p> <ol style="list-style-type: none">1. Assist in the setup and calibration of experimental equipment for two-phase flow studies.2. Collaborate with the research team to plan and execute experimental protocols and procedures.3. Monitor and collect data during experimental runs, ensuring accuracy and adherence to project objectives.4. Maintain and troubleshoot laboratory equipment to ensure optimal functionality.5. Collaborate in the analysis and interpretation of experimental results under the guidance of senior researchers.6. Document experimental procedures, data, and findings for further analysis and future reference.7. Contribute to regular progress meetings, providing updates on experimental status and challenges encountered.8. Maintain a safe and organized laboratory environment, following all relevant safety protocols. <p>Qualifications:</p> <ol style="list-style-type: none">1. Bachelor's/ Master's degree in Mechanical Engineering or a related field.2. Prior experience in experimental research, preferably in fluid dynamics or two-phase flows.3. Familiarity with laboratory equipment, data acquisition systems, and relevant software.4. Strong attention to detail and organizational skills.5. Ability to work collaboratively in a team environment.6. Excellent communication skills, both written and verbal.

	Preferred Skills 1. Experience with flow visualization techniques. 2. Proficiency in data analysis software (e.g., MATLAB, Python). 3. Expertise in CFD software (e.g., ANSYS Fluent). 4. Knowledge of safety protocols in laboratory environments. 5. Strong problem-solving skills and adaptability to changing project requirements.
Qualification:	Bachelor's/ Master's degree in Mechanical Engineering or a related field.
Upper Age Limit:	No Age Bar
Fellowship:	35,000 PM

How to Apply:

Applications along with updated CV should be sent through mail to aneesh.am@pilani.bits-pilani.ac.in. Shortlisted candidates will be informed of the interview which will be conducted through online mode. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be shortlisted based on their merit and as per the requirements of the project. Please note that only qualified and suitable candidates will be called for an interview.

Application Deadline: 8 February 2024

Contact Email: aneesh.am@pilani.bits-pilani.ac.in

