

Office of the Dean Research and Consultancy  
Indian Institute of Engineering Science & Technology (IEST), Shibpur  
Howrah-711 103

Project on: "Development of a novel Unmanned Aerial Aquatic Vehicle (UAAV) with advanced retractable wing and dual propulsion system"

[Sponsoring Authority: SERB]

Department of Aerospace and Applied Mechanics,  
Indian Institute of Engineering Science & Technology (IEST), Shibpur  
Howrah-711 103

Ref: Advt. No. AM 1803, dated 04.01.2023

[University Project Code: DRC/SERB-DST/AE&AM/JB/007/21-22]

Interested candidates are requested to apply for the following post in the Department of Aerospace and Applied Mechanics, **Indian Institute of Engineering Science & Technology (IEST), Shibpur, Howrah-711 103.**

**Junior research fellow:** No of post - One

**Essential Qualification:**

- (i) A Master's degree in any relevant specialization of Mechanical /Aerospace/ Aeronautical/ /Mechatronics/Applied Mechanics or in any related discipline from a recognized University/ Institute with minimum 60% marks (6.5 CGPA on a ten point scale) throughout from class X to the qualifying degree.
- (ii) GATE qualification is mandatory.

**Candidates will be encouraged to join the institute PhD Programme. The selected candidate will be working on design and development of an Unmanned Aerial Aquatic Vehicle (Flying Fish) with state of the art technology. Also, the candidate will be working with a team of experts in the field of UAV, Hydrodynamics, Turbulence and CFD.**

**Desirable Qualification:** Software skills: C/C++/Python/MATLAB, Solidworks

**Fellowship:** Rs. 31,000/+ 24% HRA

**Duration of project:** 36 months.

Interested eligible candidates should mail soft copies of the application letter in plain paper, recent bio-data, mark sheets and certificates. All documents should be self-attested. Physical documents will be verified at the time of joining. The selection will be cancelled if any discrepancies are found in the documents at the time of physical verification.

**Venue and Date of the interview:** Information about the date and venue of the interview will be sent to the eligible candidates only by e-mail.

**Note:**

1. Soft copies of the application letter, bio-data, should be sent through e-mail in advance **within 7 days** from the date of publication of the advertisement to: Prof. Joydeep Bhowmik (PI of project) E-mail id: [joydeep.aero@faculty.iests.ac.in](mailto:joydeep.aero@faculty.iests.ac.in).
2. Email subject should be "**APPLICATION FOR JOB-SERB 2023**" in caps failing to which the application may not be considered.
3. All applications must mention a valid e-mail id and phone number for communicating the date of interview.
4. Further instructions will be sent through email after receipt of biodata.
5. Interview dates of shortlisted candidates will be notified by email/mobile/institute website.

Dean (R & C)

(W. Code DRC-014/22-23)