

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

Project on: "Simulation and Experimental Studies of ammonium dinitramide (ADN) based green liquid propellants interaction studies with hot surfaces under different pressure regimes"

[Sponsoring Authority: DST-SERB, Govt. of India]

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

Ref: Advt. No. AM 1828, published in the "Statesman (All Edition)", dated 02.11.2023

[University Project Code: DRC/SERB/AE&AM/PRLR/011/22-23]

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

Name of post: Project Associate-I

Number of posts: 1 (One)

Essential Qualifications:

B.E./B.Tech. in Aerospace/Mechanical/Chemical Engg. + M. Tech with valid GATE score, **or** B.E./B.Tech. in Aerospace/Mechanical/Chemical Engg. + M Tech from any recognized university without valid GATE score.

Desirable Qualifications:

- Theoretical, experimental, and numerical simulations knowledge on fundamentals of droplets, droplet evaporation, and drop-hot surface interaction phenomena.
- Software skills: Ansys Fluent, or C/C++/ Python/MATLAB

Fellowship: Rs. 31000 + 24%HRA per month (for valid GATE score candidates)

Rs 25000 + 24% HRA per month (for non-GATE candidates)

Age Limit: Maximum 35 Years (Upper age limit is relaxable upto 5 Yrs for SC/ST/OBC/Woman and Physically Handicapped Candidates).

Duration: 36 Months

Interested and 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 interview. The interview will be canceled if any discrepancies are found in the documents at the time of physical verification.

Venue and Date of the interview: Office of the Dean (R&C), IIST Shibpur. (*Note:* No TA/DA will be admissible for the eligible candidates)

Information about the date and time 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 21 days** from the date of publication of the advertisement to: Prof. Prince Raj Lawrence Raj (PI of project) E-mail id: plraj.aero@faculty.iists.ac.in and plraj@aero.iists.ac.in
2. Email subject should be "**APPLICATION FOR PROJECT ASSOCIATE-I (CRG), DST-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 and mobile

Dean (R & C)