



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY POWAI, MUMBAI 400076.

Advertisement No.: IRCC/EXT058/2024

Job Title

Project Research Associate

Job Reference Number

50566853

Application End Date

28.03.2024

Type of Employment

Proj. Staff Contract

No. of Position(s)

1

IITB Project Recruitment:

Project title: Reduced order modelling of missile aerodynamics and store separation.

About the project: Project will implement a data-driven reduced order model (ROM) to efficiently compute

(a) the aerodynamics of a missile, and

(b) the trajectory of a store separating from an aircraft, across subsonic, transonic and supersonic flight conditions.

Essential Qualifications & Experience:

MTech/ME/MDes or equivalent degree

OR

BTech/BE/MA/MSc/MCA/ MBA or equivalent degree with 2 years relevant experience

Job Profile:

Candidate will have to develop algorithms and implement programs for solving fluid flow problems.

Mandatorily requisite skills are in:

1. Fluid mechanics (preferably in aerodynamics).
2. Engineering mathematics.
3. Python programming.
4. CFD data post-processing.

Pay Details:

Level PR-O1: Consolidated salary Rs.43200 + Rs.6250.00/- Out Of Campus Allowance (if applicable) p.m.

General information:

The position is temporary for a period of 1 year and tenable only for the duration of the project.

The appointment is for time bound project and the candidate is required to work mainly for the successful completion of the project. The selection committee may offer lower or higher designation and lower or higher salary depending upon the experience and performance of the candidate in the interview.

Candidates called for interview will be required to attend at his/ her own expenses.

For any queries/clarification please contact: recruit@ircc.iitb.ac.in