



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY POWAI, MUMBAI 400076.

Advertisement No.: IRCC/EXT156/2024

Job Title

Project Research Assistant

Job Reference Number

50596943

Application End Date

05.07.2024

Type of Employment

Proj. Staff Contract

No. of Position(s)

1

IITB Project Recruitment:

Project title: Performance Prediction of wire embedded sustainer grains.

About the project: The project is to simulate the propellant combustion with and without wires. The surface regression needs to be modeled during the burning of the propellant. The data obtained through simulations will be used to predict the pressure-time profile of the propellant.

Essential Qualifications & Experience:

BE/BTech/MA/MSc/MCA/MBA or equivalent degree

OR

BA/BSc or equivalent degree with 2 years of relevant experience

Candidate should have knowledge of Matlab, Ansys-Fluent, coding languages such as Fortran, Python, etc., and basics of propellant and its combustion.

Job Profile:

The job is to simulate the propellant combustion with and without embedded wires. The simulations will be conducted in Matlab and computational software such as Ansys-Fluent.

Pay Details:

Level PR- A3 : Salary range from Rs.25200 to Rs.50400 + Rs.5000.00/- 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

