



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY POWAI, MUMBAI 400076.

Advertisement No.: IRCC/EXT069/2024

Job Title

Project Research Associate

Job Reference Number

50569601

Application End Date

12.04.2024

Type of Employment

Proj. Staff Contract

No. of Position(s)

1

IITB Project Recruitment:

Project title: Development of a scalable asynchronous finite-volume solver to study cumulus entrainment.

About the project: The aim of the project is to develop an asynchrony-tolerant finite volume solver scalable to exascale computers, and use this solver to study entrainment in cumulus convection.

Essential Qualifications & Experience:

MTech in engineering and allied disciplines, with experience with numerical simulations of the Navier-Stokes equations.

A background in engineering or physics, with knowledge of fluid dynamics is essential. Prior experience with numerical simulations of fluid dynamics would be desirable.

Job Profile:

The candidate will work on the microphysics of atmospheric clouds, performing high-resolution numerical simulations of the Navier-Stokes and other transport equations.

Pay Details:

Level PR-O1: Salary range from Rs.33600 to Rs. 67200 + 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