



# INDIAN INSTITUTE OF TECHNOLOGY BOMBAY POWAI, MUMBAI 400076.

**Advertisement No.: IRCC/EXT133/2021**

## **Job Title**

Junior Research Fellow

## **Job Reference Number**

50233848

## **Application End Date**

16.08.2021

## **Type of Employment**

Proj. Staff Contract

## **No. of Position(s)**

1

## **IITB Project Recruitment:**

Project title: Phase-Resolved Inter-Rotor Aerodynamic Interactions Investigation

About the project: An experimental study to understand aerodynamic interactions between low-Reynolds number multirotor UAVs. Involves multirotor test rig development and experiments. Rotor performance measurements, flow visualization, acoustic, and wind tunnel measurements to be performed.

## **Essential Qualifications & Experience:**

Post Graduate Degree in Basic Science OR Graduate / Post Graduate Degree in Professional Course selected through a process described through any one of the following:

a. Scholars who are selected through National Eligibility Tests - CSIR-UGC NET including lectureship (Assistant Professorship) and GATE.

b. The selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc.

## **Job Profile:**

Needs to have hands-on experience in machine design, fabrication, machining tools, hand tools, electrical circuits, sensors, microcontrollers, and data processing. Ability to apply learnings from past courses. Tinkerer aptitude.

## **Pay Details:**

Consolidated salary Rs.31000/- p.m. + HRA

## **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](mailto:recruit@ircc.iitb.ac.in)