



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY POWAI, MUMBAI 400076.

Advertisement No.: IRCC/EXT037/2023

Job Title

Project Research Associate

Job Reference Number

50391718

Application End Date

02.03.2023

Type of Employment

Proj. Staff Contract

No. of Position(s)

2

IITB Project Recruitment:

Project title: Capacity building for human resource development in Unmanned Aircraft System (Drone and related Technology) - Guidance Navigation

About the project: The project is the Government of India initiative under MeitY to tap the employment and economical potential of Drone and related technology with a major aim to make India a global drone hub. The primary objective of the project is to leverage collaborative activities in human resource development through capacity building in education and training in the area of Unmanned Aircraft System. The focus of IIT Bombay specifically is in Guidance, navigation and control (GNC) Algorithms and Simulation.

Essential Qualifications & Experience:

M.Tech / M.E. / M.Des or equivalent degree

OR

B.Tech / B.E. / MA / M.Sc / MCA / MBA or equivalent degree with 2 years relevant experience.

The candidate should possess experience in simulations using Matlab / Python. Familiarity with ROS / GAZEBO. Experience in Aerial Robotics. Drone Flying experience is highly desirable.

Job Profile:

Assisting the project lead in all the project related activities. Preparation of Lecture slides/materials. Conducting Laboratory experiments involving drones/quadrotors (indoor and outdoor). Professional report writing and presentations. Will be responsible for creating workshop courses, course material and training schedules in consultation with faculty members.

Pay Details:

Consolidated salary Rs.45000 /- p.m.

General information:

The position is temporary for a period of 1 year and depending on the candidate's performance, the contract will be renewable annually till the duration of the project. Project duration is 5 years. 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.

The annual increment in salary is at the rate of 10%.

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

Candidates will be encouraged to register for academic program.

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