



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY POWAI, MUMBAI 400076.

Advertisement No.: IRCC/EXT378/2024

Job Title

Project Research Associate

Job Reference Number

50656067

Application End Date

26.12.2024

Type of Employment

Proj. Staff Contract

No. of Position(s)

2

IITB Project Recruitment:

Project title: Drone Applications in Disaster Management

About the project: Disaster Management component of Maharashtra Drone Mission (Drone Applications for Disaster Management – Mapping HydroMeteorological & Climatological Hazards and Impacts).

Scope of the Project activities:

- (1) Framework development for RSGIS, including drone, applications in disaster management.
- (2) Mapping finer-scale land use land cover.
- (3) Mapping Landslides, Droughts, Forest Fires - extents and damages in Area of Interest (Pilot cases from Maharashtra).

Essential Qualifications & Experience:

MTech / ME / MDes or equivalent degree

OR

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

Candidate with knowledge of using ML for geospatial data analysis in Python is desirable.

Job Profile:

Frequent field data collection using UAV (MS/RGB sensors), questionnaire surveys, hazard-exposure modelling, geospatial data analysis, and report writing.

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