INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
POWAI, MUMBAI 400076.

Advertisement No.: IRCC/EXT241/2024

Job Title
Project Research Scientist

Job Reference Number
50625661

Application End Date
14.08.2024

Type of Employment
Proj. Staff Contract

No. of Position(s)
1

IITB Project Recruitment:

Project title: Maharashtra Drone Mission

About the project: MDM is funded by the Government of Maharashtra towards fully leveraging drone technology for use by society in various applications. IIT Bombay will be the nodal agency and will be associated with multiple regional and district level centres for the successful implementation of the project. This project is multifaceted as it involves R&D, prototype development, field demonstration, capacity building and policy making in terms of drone development and its usage in various applications.

Essential Qualifications & Experience:
PhD
OR
MTech/ME/MDes or equivalent degree with minimum 4 years relevant experience
OR
BTech/BE/MA/MSc/MCA/MBA or equivalent degree with 6 years relevant experience

Candidate should have experience in:
• Coding skills in C/C++/Python/Matlab;
• Video Image Processing;
• Transportation Engineering-related Projects;
• Optimization, probability, and statistics.

Job Profile:
• Collaborating with other team members for the design, assembly, and testing of drone applications;
• Collection and extraction of drone-based traffic data;
• Development of adaptive traffic control systems using drone data;
• Development of road traffic congestion monitoring system for urban road networks;
• Identification of hazardous driving behaviour and accident hotspots on road traffic infrastructures;
• Any other work assigned as per requirement.

Pay Details:
Level PR-O2: Salary range from Rs.42000 to Rs. 84000 + Rs.7500.00/- 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