



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY POWAI, MUMBAI 400076.

Advertisement No.: IRCC/EXT435/2023

Job Title

Research Associate

Job Reference Number

50523010

Application End Date

05.01.2024

Type of Employment

Proj. Staff Contract

No. of Position(s)

1

IITB Project Recruitment:

Project title: Development of Rapid Water Quality Assessment Tool for River basin.

About the project: The challenges faced by the monitoring agency in expanding the network are time and resource constraints involved in sample collection and testing. Often the restriction and bias involved in sampling due to inaccessibility affect the true quality representation of the river. Thus, this project aims at developing a rapid water quality assessment tool for rivers that involve a policy framework for the selection and prioritization of sampling points based on mathematical, empirical, and GIS optimization techniques, rapid sampling using drones, choosing the right combination of test parameters and most reliable and quick test methods for different stretches of rivers based on polluting sources mapping.

Essential Qualifications & Experience:

Ph.D/MD/MS/MDS or equivalent degree or having 3 years of research, teaching and design and development experience after MVSc/M.Pharm/ME/M.Tech with at least one research paper in Science Citation Indexed (SCI) journal

Job Profile:

To make QGIS maps of river

- He/she has to assist the Principal Investigator
- Project planning, work plans, deliverables, and lead the implementation of the project.
- Preparation of annual and quarterly project progress reports, technical reports, and financial management.

Pay Details:

Consolidated salary Rs.58000/- 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