



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY POWAI, MUMBAI 400076.

Advertisement No.: IRCC/EXT195/2022

Job Title

Project Associate - I

Job Reference Number

50355096

Application End Date

03.10.2022

Type of Employment

Proj. Staff Contract

No. of Position(s)

1

IITB Project Recruitment:

Project title: Low cost Innovative Technology for water quality monitoring and water resources management for urban and rural water systems in India

About the project: This is a large project grant under the India-EU Water co-operation program Horizon 2020, research work for the design, development and implementation of low cost sensors for water quality, is being undertaken over the last 3 years. The project is at a fairly advanced stage for implementation in the cities of Guwahati and Bangalore.

Essential Qualifications & Experience:

BTech / MTech - electronics

Required skills: following technical skills and 3 years experience preferable -

- Electronics power design and develop, firmware.
- Knowledge of basic design tools and embedded knowledge
- Troubleshoot existing designs and upgrade or new designs
- Remote operations and coordinate with the central team
- Troubleshooting at the site and configure design programmer
- Auto cad, Gerber drawing knowledge is a must

Candidate should be NET/GATE qualified.

Job Profile:

Key responsibilities:

- Assembly of LOTUS sensor electronic components and functional testing
- Assembly of LOTUS sensor chip with other electronic components (PCB) and functional testing
- Integration of lotus sensor with other communication modules
- Coordination between vendor and LOTUS project partner to deliver working LOTUS sensor for different applications

Pay Details:

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

General information:

Age limit: 35 years

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