INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
POWAI, MUMBAI 400076.

Advertisement No.: IRCC/EXT183/2024

Job Title
Project Research Assistant

Job Reference Number
50614886

Application End Date
12.07.2024

Type of Employment
Proj. Staff Contract

No. of Position(s)
3

IITB Project Recruitment:

Project title: Hydrogen pressure vessel manufacturing using Texttile based CompositesTeCoPV India.

About the project: Hydrogen pressure vessel manufacturing using Textile based Composites

Essential Qualifications & Experience:
BE/B.Tech in Electronics and communication with first class

Skill(s) required:
C & Python Programming, Raspberry Pi, ESP32, Electronic Circuits, PCB Design, Internet of Things (IoT), knowledge of server-side scripting, databases and networking

Job Profile:
* Understand single-board like ESP32, Arduino, Raspberry pi and other hardware modules like RFID, SIM module, sensors and their communication with other machines.
* Set up communication between multiple machines and with a cloud server.
* Work on different protocols such as UART, I2C, SPI, TCP/IP, HTTP, and MQTT.
* Design next-generation embedded systems design and fabricate PCB's for the same.
* IoT Product Development and its testing.
* Developing & maintaining efficient codes written with best practices.
* Working on live projects.

Pay Details:
Level PR-A3: Salary range from Rs.25200 to Rs. 50400 + Rs.5000.00/- 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