



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY POWAI, MUMBAI 400076.

Advertisement No.: IRCC/EXT310/2022

Job Title

Project Research Assistant

Job Reference Number

50375873

Application End Date

02.01.2023

Type of Employment

Proj. Staff Contract

No. of Position(s)

2

IITB Project Recruitment:

Project title: Jigyasa Virtual Labs

About the project: Development of platform and content for CSIR-Jigyasa

Essential Qualifications & Experience:

BE/BTech/MA/MSc/MCA/MBA or equivalent degree

OR

BA/BSc or equivalent degree with 2 years of relevant experience

The candidate is expected to review the existing design/prototype and propose/implement new designs to optimize the device setup. They are also expected to contribute to the design of new products in the pipeline. The person applying for this position needs to be excellent at mechanical CAD on Solidworks. They should have enough knowledge about manufacturing processes (CNC, sheet metal work, 3D printing) and material selection. Since the systems involved precise automation, we expect the applicant to have a background in CAD simulations too.

Job Profile:

- Design and fabricate the prototypes according to the design requirements of the project.
- Analyse problems that arise and develop design solutions for them.
- Conduct experiments and tests to validate the product design.
- Collaborate with other team members to ensure a smooth design cycle in a timely manner.
- Assemble multiple copies of the device for lab and field testing.
- Develop CAD project drawings for manufacturing vendors and vendor liaising.
- Assist in field deployments and trials.

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