



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY POWAI, MUMBAI 400076.

Advertisement No.: IRCC/EXT141/2023

Job Title

Project Research Scientist

Job Reference Number

50458124

Application End Date

09.06.2023

Type of Employment

Proj. Staff Contract

No. of Position(s)

1

IITB Project Recruitment:

Project title: Edtech Product Rating

About the project: Stakeholders from across the Indian EdTech ecosystem perceive the need for quality standards to address the information asymmetry and aid decision making for adoption of educational technology solutions. Towards this, the EdTech Tulna project has been initiated to create standards for edtech quality in the Indian context and evaluate available solutions against these standards. So far, Tulna has designed evaluation frameworks for various categories like personalised & adaptive learning systems, digital classrooms, educational games and teacher-facing products. Efforts so far have resulted in the design of evaluation toolkits and application for evaluating EdTech solutions in Maths and English domain. Tulna has been used to procure quality products in various state governments.

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

1. Research experience in basic sciences, mathematics or engineering and a proven record of publications and funding/fellowships.
2. Must have experience in designing and validating educational instruments.
3. Teaching experience in the disciplines above, in a school or college.
4. Practical experience working on field level implementations of educational technology (such as with a governmental or non-governmental organization).
5. Excellent communication skills (oral and written), for both academic and non-academic audience.
6. Track record of working in a distributed team.
7. Working proficiency in Hindi and other Indian languages is highly desirable.
8. Enthusiasm to contribute in interdisciplinary research in the technology enhanced learning.

Job Profile:

The candidate will be responsible for tasks in the following workstreams:

1. Research and design of evaluation instruments for EdTech products catering to science subjects

from K-12.

2. Carry out evaluation of EdTech products using designed instruments and produce detailed evaluation reports
3. Conceptualize and execute training of relevant stakeholders such as teachers, state department officials, etc. on using Tulna Evaluation toolkits.
4. Conduct, analyze and publish research on topics relevant to the Tulna project.
5. Leadership - Manage various sub-teams, coordinate with partner organizations and participate in the Tulna sustainability efforts

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