



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY POWAI, MUMBAI 400076.

Advertisement No.: IRCC/EXT078/2021

Job Title

Project Research Engineer

Job Reference Number

50220409

Application End Date

17.05.2021

Type of Employment

Proj. Staff Contract

No. of Position(s)

2

IITB Project Recruitment:

Project title: Developing Long-term Energy Modelling Tools

About the project: India Energy Security Scenario (IESS) 2047 is available as a webtool (<http://iess2047.gov.in/>) and a spreadsheet (MS Excel) based calculator and is open source. IESS 2047 generates energy system scenarios based on user inputs from 2012 to 2047. The tool's primary aim is to explore possible future pathways and assess their impacts on India's energy security, climate, land, and water footprint.

The project is to update the IESS 2047 calculator and further automate and enhance its features.

Essential Qualifications & Experience:

ME/MTech degree with First Class

OR BE/BTech/MSc degree with First Class with 2 years of relevant experience.

Degrees only in the following disciplines: Energy/ Mechanical/ Electrical/ Chemical are eligible

Experience: Candidates with experience in the area of energy systems modelling or energy planning and forecasting models will be preferred. Knowledge of MS Excel operations is desirable.

Job Profile:

To update the IESS 2047 calculator and further automate and enhance its features. To include specific modifications in the future versions of the IESS tool.

Pay Details:

Level PR-O1: Salary range from Rs.33600 to Rs 67200 + Rs.6250.00/- 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

