



# INDIAN INSTITUTE OF TECHNOLOGY BOMBAY POWAI, MUMBAI 400076.

**Advertisement No.: IRCC/EXT024/2022**

**Job Title**

Project Research Associate

**Job Reference Number**

50286712

**Application End Date**

03.03.2022

**Type of Employment**

Proj. Staff Contract

**No. of Position(s)**

2

**IITB Project Recruitment:**

Project title: Recruitment of Project Staff for COEOGE through donation fund.

About the project: Centre of Excellence in oil Gas and Energy (CoE-OGE) at IIT Bombay was established in 2019 to provide a competitive advantage to India's oil and gas companies. Objectives of the Centre are to lead the oil and gas PSUs towards an integrated vision for the oil and gas sector that includes utilization of unconventional feedstocks as well as using crude oil derivatives or natural gas as a feed for petrochemicals; to develop sustainable solutions to the complex energy and environmental issues faced by the Oil and Natural Gas PSUs through continuous and collaborative R&D efforts in technology and policy research; to create new manpower and upgrade the knowledge of existing industry professionals; and to explore new frontiers in technology for tapping unconventional reserves of Oil and Natural Gas.

**Essential Qualifications & Experience:**

MTech/ME/MDes or equivalent degree

OR

BTech/BE/MA/MSc/MCA/ MBA or equivalent degree with 2 years relevant experience

Preference will be given to candidates who have prior experience on system dynamics modeling of energy sector or adequate experience on reservoir modeling and/or multi-physics modeling with COMSOL, ANSYS or any other similar simulation softwares.

**Job Profile:**

These are technical posts. The work involves

- 1) Energy systems modeling of various energy transition scenarios.
- 2) Modeling of gas production from the natural gas hydrate deposits.

**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](mailto:recruit@ircc.iitb.ac.in)