



# INDIAN INSTITUTE OF TECHNOLOGY BOMBAY POWAI, MUMBAI 400076.

**Advertisement No.: IRCC/EXT320/2024**

## **Job Title**

Junior Research Fellow

## **Job Reference Number**

50635524

## **Application End Date**

01.11.2024

## **Type of Employment**

Proj. Staff Contract

## **No. of Position(s)**

1

## **IITB Project Recruitment:**

Project title: Development of Efficient Hybrid Treatment System for the Improvement of Resources Recovery from Sewage Sludge and Septage.

About the project: The proposed project is focused on the development of treatment strategy for sewage sludge and synthetic septage from septic tanks alone or in mixture. The options for management of residue (left after hydrothermal pretreatment) and digestate (left after anaerobic treatment of pretreated sludge) will also be explored and suitable recommendations will be made.

## **Essential Qualifications & Experience:**

Post Graduate degree in Environmental Science, Chemistry, and Environmental Engineering OR Graduate in Environmental Engineering, Civil Engineering and Chemical Engineering selected through a process described through any one of the following:

a. Scholars who are selected through National Eligibility Tests - CSIR-UGC NET including lectureship (Assistant Professorship) and GATE.

b. The selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc.

## **Job Profile:**

The JRF is supposed to conduct experimental study and maintain the treatment system on regular basis. The staff will do analysis of samples collected on daily basis to determine the performance of the process. In addition, the staff will prepare the interim report to be submitted to the funding agency and help in procurement of necessary resources.

## **Pay Details:**

Consolidated salary Rs.37000/- p.m. + HRA

## **General information:**

The position is temporary for a period of 6 months 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)