



# INDIAN INSTITUTE OF TECHNOLOGY BOMBAY POWAI, MUMBAI 400076.

**Advertisement No.: IRCC/EXT102/2022**

## **Job Title**

Senior Research Fellow

## **Job Reference Number**

50318644

## **Application End Date**

27.06.2022

## **Type of Employment**

Proj. Staff Contract

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

1

## **IITB Project Recruitment:**

Project title: Pilot Study for Assessment of Reducing Particulate Air Pollution in Urban Areas by Using Air Cleaning System (sometimes called as Smog Tower) Smog Tower Project at Connaught Place.

About the project: Field Monitoring using Various Aerosol Instruments to measure pollutants and data analysis to understand the performance of pilot scale air cleaning system

## **Essential Qualifications & Experience:**

Post Graduate Degree in Basic Science OR Graduate / Post Graduate Degree in Professional Course selected through a process described through any one of the following:

- Scholars who are selected through National Eligibility Tests - CSIR-UGC NET including lectureship (Assistant Professorship) and GATE.
- 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. with 2 years of research experience.

Background in in Chemical engineering or Mechanical engineering or Civil or other suitable streams (B.Tech/M.Tech) with hands on prior experience in fluid dynamics simulation is preferred.

## **Job Profile:**

Senior Research fellow (SRF) to work to work on modelling mainly Numerical Modelling for Air Pollutant dispersion in atmosphere. Looking for enthusiastic individuals having hands on prior experience in fluid dynamics simulation using various CFD solvers and other numerical modelling. Work is on modelling mainly Numerical Modelling for Air Pollutant dispersion in atmosphere. Looking for enthusiastic individuals having hands on prior experience in fluid dynamics simulation using various CFD solvers and other numerical modelling.

## **Pay Details:**

Consolidated salary Rs.35000/- p.m. + HRA

## **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)