



# INDIAN INSTITUTE OF TECHNOLOGY BOMBAY POWAI, MUMBAI 400076.

**Advertisement No.: IRCC/EXT088/2020**

**Job Title**

Research Associate

**Job Reference Number**

50168913

**Application End Date**

16.08.2020

**Type of Employment**

Proj. Staff Contract

**No. of Position(s)**

1

**IITB Project Recruitment:**

Project title: Design and development of MEMS based detectors and their real time testing as Infra-Red Laser based sensor system for Environmental monitoring

About the project: The first part of this project aims at MEMS based gas cells which can detect acoustic signals. In the second part of the project, these cells will be integrated with the readout system for making a photo acoustic based sensing system. The Research Associate will contribute to both parts.

**Essential Qualifications & Experience:**

Ph.D/MD/MS/MDS or equivalent degree or having 3 years of research, teaching and design and development experience after MVSc/M.Pharm/ME/M.Tech with at least one research paper in Science Citation Indexed (SCI) journal

**Job Profile:**

MEMS fabrication, characterization and integration in an infra-red laser based

readout system for gas phase sensing with application in the environmental monitoring with emphasize on agriculture applications.

**Pay Details:**

Consolidated salary Rs.47000/- 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 their own expenses.

For any queries/clarification please contact: [recruit@ircc.iitb.ac.in](mailto:recruit@ircc.iitb.ac.in)