

Sep 22, 2021

## Advertisement

Applications are invited for the post of **Research Assistant (one) @ 31000/-pm and Scientist -C (one) @ 51,000/-pm +10% HRA(2220)** in the ICMR sponsored project entitled “*SmartBreathlyzer: A robust diagnostic device for automatic detection and real time monitoring of Mycobacterium tuberculosis*”.

### Essential Qualifications for RA

B.E./B.Tech. (CSE/COE/IT/ECE) and M.E./M.Tech. (CSE/IT/ECE)

### Hands-on experience requirements

Data Analytics, Deep Learning, PyTorch, TensorFlow,  
Android Studio for mobile application development,  
Cloud technology like GCP, AWS, Microsoft Azure

### Essential Qualifications for Scientist C

First Class ME/M.Tech in Instrumentation/Biomedical Engg/Electronics/Bioelectronics  
[preferably with GATE score] or MSc in Biophysics/ Biotechnology/ Biosensors/  
Bioelectronics [preferably NET qualified] or equivalent.

### Hands-on experience requirements

Various sensors especially related to breath analysis,  
Circuitry designing and integration for the biosensors.  
Must have exposure to “sensor design and/or development”

**Duration:** 1 - 3 yrs performance-based extensions will be granted.

Interested candidates can send their applications along with a detailed resume at  
**msingh@thapar.edu** by 30<sup>th</sup> September 2021.

**(Dr. Maninder Singh)**  
Principal Investigator

**(Dr. P S Kohli)**  
Co-Principal  
Investigator

**(Dr. Inderveer Chana)**  
Co-Principal Investigator

**(Dr. Urvinder Singh)**  
Co-Principal  
Investigator

