



# BITS BioCyTiH Foundation

## Position: Research Associate (Post-Doctoral Fellow) at Hyderabad Campus

**Project PI:** Prof. Sanket Goel

**Primary Location of the position:** BITS Pilani, Hyderabad Campus (<https://mmne.bits-hyderabad.ac.in/>)

**Start Date:** Immediate

**Duration:** 12 Months

**Salary:** Up to ₹ 67000 per month + HRA as per DST norms ([https://dst.gov.in/sites/default/files/1687843045\\_Revision\\_of\\_emoluments\\_OM.pdf](https://dst.gov.in/sites/default/files/1687843045_Revision_of_emoluments_OM.pdf))

**Duration:** 12 months

### About BITS BioCyTiH Foundation

The BITS BioCyTiH Foundation (henceforth "The Foundation") is a Section 8 non-profit company hosted by BITS Pilani under the National Mission of Interdisciplinary Cyber-physical Systems (NM-ICPS) of Government of India (GOI). The mandate of the company is to fashion a platform that would foster translational research, innovation, skill development and training in areas of bio-cyber-physical systems (Bio-CPS) related to healthcare, agriculture, water and environment. Details about the Foundation can be found in the link below: <https://www.biocytih.co.in/>

### Project Details:

The project entails development of microfluidic cell culture platforms is a portable platform and needs to be tested in the field settings. The field worker will be required to oversee performance of this platform in clinical lab settings and in the labs of State Pollution Control Board/s. The project may involve some travel out of Hyderabad.

### Responsibilities:

To implement the project in collaboration with fellow researchers. 90% core research activities, including scientific logistics (grant writing, lab and grant management, etc.), 10% with Ph.D. scholars (support for young researchers)

### Eligibility:

PhD (Mechanical/EEE/BioTech/NanoTech/Interdisciplinary Engineering) awarded and min 2 years of research, design and development experience after PhD.

### Desirable:

- Hands-on R&D experience in MEMS, microfluidics, cell & tissue culture, electrochemistry & miniaturized bio-fuel cells
- Quality publications in leading journals or Patents
- Candidates with grant proposal writing skills will be given preference

### How to Apply:

- Please create a comprehensive CV with personal details, educational qualification, previous work experience, and one-page synopsis of PhD work done. Also, please create a cover letter showing your alignment with the position and how you add implement the project.
- Please complete the form (<https://forms.gle/zRCeSbyZPrnu6CRDA>) by interesting / uploading all the details. The shortlisted candidates will then go through an interview process. The application link will be open till the position is filled.