



Research Fellow Position: Cardiac-Organ-on-Chip **Integrated Microfluidic Cardiac Platform for Drug Screening and Toxicity Detection**

Date: 15 Dec 2021

Applications are invited for **one position** of Junior Research Fellow (JRF) in a DST- Biomedical Device and Technology Development (BDTD) funded project entitled “**Cardiac-Organ-on-Chip: Integrated Microfluidic Cardiac Platform for Drug Screening and Toxicity Detection**”, under the supervision of **Prof. Sanket Goel (PI)**, Dr. Satish Kumar Dubey (Co-PI), Dr. Arshad Javed (Co-PI) and Dr. Anasuya Ganguly (Co-PI). The work will focus on developing a microfluidic platform to monitor the cultured cell media.

Deserving JRF may be considered for Ph.D. program at BITS-Pilani if he/she meets the requirements of Ph.D. qualification process as per the institute norms (<http://www.bitsadmission.com/phmain.aspx>).

Eligibility:

- *Essential Qualification* M.E./M.Tech. in EEE/ Mechanical Engineering / Chemical Engineering Bio-Engineering/Bio-Technology/Biomedical Engineering/ Bio-Sciences/or equivalent.
- Candidates with publication(s) will be with priority
- Candidates with CSIR-UGC NET (including lectureship), GATE etc. will receive the fellowship as per DST norms. Else, reduced fellowship will be available.
(<http://dst.gov.in/sites/default/files/OM%20Fellowship%20Revision-2019.pdf>)

Fellowship: As per DST Norms

Duration: Until Sept 2022 with high chances for extension

Place of work: BITS Pilani, Hyderabad Campus

How to apply:

Please apply with **CV and Cover letter** (showing alignment and justification with the roles/responsibilities/requirements) using this form (<https://forms.gle/LRjstaxuoAvSvw9x6>) by **22 December 2021**.

Preliminary shortlisting will be based on resume and telephonic/audio-visual interview within a week of last date of application. For final interview, the candidate will be informed through e-mail for interview at Birla Institute of Technology and Science, Pilani, Hyderabad Campus. No TA/DA will be provided for this purpose.

Dr. Sanket Goel (Principal Investigator)
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