



Research Fellow Position

Date: 16 April 2021

Applications are invited for **one position** of Junior Research Fellow (JRF) in a R&D projects leading to HPC Applications, National Supercomputing Mission (NSM) funded project entitled “**Real time Investigation of various analytes using droplet microfluidics integrated with high-speed vision**”, under the supervision of Dr. Arshad Javed (PI), Prof. Sanket Goel (Co-PI), Dr. Satish Kumar Dubey (Co-PI),

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 Mechanical/Electronics & Communication/ Electronics & Telecommunication/ Electronics & Instrumentation/ Electronics/Computer Science/Computer Engg., or equivalent.

Experience in MEMS, Microfluidics, COMSOL, Open CV, Python, Matlab, Image processing, AI and ML is desirable.

- 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 (<http://dst.gov.in/sites/default/files/OM%20Fellowship%20Revision-2019.pdf>)

Fellowship: As per DST Norms

Duration: Two years

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/q3rMB5H2DmuUEa6T6>) by **30 April 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. Arshad Javed (Principal Investigator)
Mechanical Engg. Department
MEMS, Microfluidics and Nanoelectronics Lab (<http://mmne.in/>)
Contact mail-id (PI): arshad@hyderabad.bits-pilani.ac.in
URL(PI): <https://www.bits-pilani.ac.in/hyderabad/arshadj/Profile>