



# Birla Institute of Technology & Science, Pilani

Pilani Campus

Sponsored Research and Consultancy Division (SRCD)

## CALL FOR RESEARCH STAFF POSITION (JRF) IN SERB FUNDED PROJECT

**Date: 10-03-2022**

<b>About:</b> Applications are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF) in a time bound research project for a temporary period purely on contractual basis as per the following details:	
<b>Position:</b>	<b>Junior Research Fellow (JRF)</b>
<b>Number of Vacancy:</b>	<b>01</b>
<b>Project Title:</b>	Multiple nano-filaments based resistive switching memories on flexible substrate: implemented by self-assembled doped metal oxides/perovskites
<b>Principal Investigator:</b>	<b>Dr. Arnab Hazra</b> , Dept. of Electrical & Electronics Engineering
<b>Project Tenure:</b>	3 years
<b>Job Description:</b>	JRF will carry out the experimental work including materials synthesis, characterizations and device fabrication. He/she will also characterize the fabricated devices. Additionally, he/she will also compare the results with existing models and will propose new models based on findings. He/she will also write the research papers in indexed journals, conferences and patents.
<b>Essential Qualification:</b>	First class M.Tech/ME/MS in <b>Microelectronics, Nanotechnology, Electronic Devices, VLSI, Electronic Communication</b> or MSc/MS in <b>Physics, Nanoscience</b> from a recognized University or equivalent + GATE/NET qualified. (Those who are not GATE/NET qualified shall be considered for the post lower than JRF as per DST norms)
<b>Fellowship:</b>	(i) 31,000/- (initially first two years) + Rs 35,000 (afterward till the end of the project). to those who are selected through (a) National Eligibility Tests - CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions. (ii) 25,000/- (initially first two years) + Rs 28,000 (afterward till the end of the project) to those who don't fall under category (i).
<b>Registration for PhD.:</b>	Selected candidates will be given the opportunity for a full time PhD program at BITS, Pilani as per the institute norms.

### How to Apply:

Applications along with updated CV should be sent through mail to [arnab.hazra@pilani.bits-pilani.ac.in](mailto:arnab.hazra@pilani.bits-pilani.ac.in). Shortlisted candidates will be informed for the interview. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be shortlisted based on their merit and as per the requirement of the project. All candidates should make their own arrangements for their stay at Pilani, if required. No TA/DA will be paid for attending the interview.

**Application Deadline: 09-05-2022**

**Contact Email:** [arnab.hazra@pilani.bits-pilani.ac.in](mailto:arnab.hazra@pilani.bits-pilani.ac.in)

