



# Birla Institute of Technology & Science, Pilani

Pilani Campus

Sponsored Research and Consultancy Division (SRCD)

## CALL FOR RESEARCH STAFF POSITION JUNIOR RESEARCH FELLOW (JRF) IN CSIR PROJECT

Date: 19 July 2022

<b>About:</b> Applications are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF)/ Project Associate-1 in a time bound research project for a temporary period purely on contractual basis as per the following details:	
<b>Position:</b>	Junior Research Fellow (JRF)/Project Associate-1
<b>Number of Vacancy:</b>	<b>01</b>
<b>Project Title:</b>	“Neuronal” regulation of tumor cell migration- understanding the role of semaphorins in tumor cells undergoing EMT and subjected to differential flow dynamics
<b>Principal Investigator:</b>	<b>Dr. Venkatesh Kadbur Prabhakar Rao</b> Department of Mechanical Engineering , BITS Pilani, Pilani Campus, Rajasthan
<b>Project Tenure:</b>	18 Months
<b>Job Description:</b>	Candidate will carry out the cell culture and study the mechanodiagnosis of cancer. He/ She will also fabricate the microfluidic channels. Additionally, he/she will examine the effect of flow induced shear stress on electromechanical properties of cancer cells. 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>Qualification:</b>	M.E./M.Tech/M.Sc with at least 60% marks in Biotechnology, Biomedical Engineering, Mechanical Engineering or Allied Discipline. Good knowledge of Biomedical Engineering, Oncology and a strong desire to work in interdisciplinary subjects. <i>Desirable:</i> GATE/NET qualified.
<b>Upper Age Limit</b>	Age not exceeding 35 years as on the date of interview. Age relaxation is allowed up to 5 year for SC/ST/PH/OBC/WOMEN candidates.

<b>Fellowship:</b>	31,000/- per month for NET/GATE qualified candidates 25,000/-per month for non-NET/GATE qualified candidates
<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 [venkateshkp.rao@pilani.bits-pilani.ac.in](mailto:venkateshkp.rao@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. Please note that only qualified and suitable candidates will be called for an **interview**.

**Application Deadline: 5<sup>th</sup> August 2022**

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