



Birla Institute of Technology & Science, Pilani

Pilani Campus

Sponsored Research and Consultancy Division (SRCD)

CALL FOR JUNIOR RESEARCH FELLOW (JRF) IN DEPARTMENT OF HEALTH RESEARCH PROJECT

Date: 22/01/2022

About: 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 a contractual basis as per the following details:	
Position:	Junior Research Fellow (JRF)
Number of Vacancy:	2
Project Title:	Design and evaluation of low-cost lab-on-chip noninvasive device for diagnosis of Psoriasis skin disorder: Investigation of skin elasticity in skin psoriatic disease condition and correlation with treatment efficacy of designed nanoformulation
Principal Investigator:	Dr. Gautam Singhvi , Department of Pharmacy, BITS Pilani, Pilani Campus, Rajasthan.
Project Tenure:	3 years
Job Description:	<p>Following are the job description for 2 JRFs respectively:</p> <p>JRF 1: The candidate will develop drug delivery systems for topical administration. The candidate will be involved in formulation design, optimization and characterization. He/she will also characterize the biomedical device and test on the animal samples. Additionally, he/she will examine the influence of nanoformulation on the response of skin. He/she will also write the research papers in indexed journals, conferences and patents.</p> <p>JRF 2: The candidate will develop a lab-on-chip device to measure skin elasticity and diagnose Psoriasis. He/she will also characterize the biomedical device and test on the animal samples. Additionally, he/she will examine the influence of nanoformulation on the response of skin. 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.</p>
Essential Qualification:	<p>JRF 1: First class in Master's Degree M.Pharm or MS or M.Tech in Pharmacy (Pharmaceutics/ Drug delivery/Industrial pharmacy) /Biomedical/ Nanotechnology from a recognized University + GATE/NET/GPAT qualified will be preferred.</p> <p>JRF 2: First class in Master's Degree with specialization in Mechanical Engineering/ Biomedical Engineering/ Nanoscience and Nanotechnology from a recognized University with good knowledge of dynamics and microfabrication and microfluidics + GATE/NET/GPAT/DST/DBT/ICMR qualified will be preferred.</p>



Birla Institute of Technology & Science, Pilani

Pilani Campus
Sponsored Research and Consultancy Division (SRCD)

Fellowship:	31,000/-(initially first two years) + Rs 35,000 (afterward till the end of the project).
Registration for PhD.:	Selected candidates will be given the opportunity for a full time PhD program at BITS, Pilani as per the institute norms.

How to Apply:

Applicants can fill the google form the link for the same is provided here

https://docs.google.com/forms/d/e/1FAIpQLSdReFJDMfwu681WdcYQutETjw1XUWrquaqlDw28874apbvma/g/viewform?usp=sf_link ensure to provide all the details in the form. 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. No TA/DA will be paid for attending the interview.

Application Deadline: 07 Feb 2022

Contact Email: gautam.singhvi@pilani.bits-pilani.ac.in or venkateshkp.rao@pilani.bits-pilani.ac.in

