



Birla Institute of Technology & Science, Pilani

Pilani Campus

Grants Consultancy and Industrial Research (GCIR)

CALL FOR RESEARCH STAFF(JRF) POSITION

Date: 12 July 2024

About: Applications are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF) in a time bound research project sponsored by the DBT (Project No. BT/PR50558/MED/32/957/2023) for a temporary period purely on contractual basis as per the following details:	
Position:	Junior Research Fellow (JRF)
Number of Vacancy:	01
Project Title:	Design and Fabrication of Miniaturized Ultra Wide band (UWB) Flexible and Wearable Antenna for Breast Cancer Detection: A Non-invasive, Reliable and Low-Cost Approach
Funding Agency:	Department of Biotechnology (DBT)
Principal Investigator (PI):	Prof. Navneet Gupta, Department of Electrical and Electronics Engineering
Project Tenure:	2 Years + 1 Year SRF thereafter after evaluation
Job Description:	Conduct research on the design, development, and testing of UWB flexible Antennas • Perform experimental studies, data analysis, and optimization of antenna performance. • Prepare technical reports, research publications, and presentations. • Assist in the coordination of project activities and dissemination of findings.
Qualification:	M.E./M.Tech/M.Sc in Electronics, Electrical Engineering, Biomedical Engineering, or related fields from a recognized University or equivalent +GATE/NET/GPAT qualified. • Strong background in antenna design, microwave engineering, and/or biomedical applications. • Experience with simulation tools (e.g., HFSS, CST) and experimental setups. Desirable: GATE/NET qualified
Upper Age Limit:	Age not exceeding 28 years. The upper age limit is relax-able up-to 5 years in the case of candidates belonging to scheduled castes/tribes/OBC, women and physically handicapped candidates.
Fellowship:	37,000/- (initially first two years) per month for GATE/NET-qualified candidates. 42,000/- Per month for third year as SRF
Registration for PhD.:	Selected candidates may be permitted to register for the PhD program of BITS Pilani subject to fulfilling the requirements of the PhD qualification process as per the institute norms.

How to Apply:

Applications along with updated CV should be sent through mail to ngupta@pilani.bits-pilani.ac.in with subject line as – **Application for JRF- DBT Project**

Shortlisted candidates will be informed of the interview which will be conducted through online mode. 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 requirements of the project.

Please note that only qualified and suitable candidates will be called for an interview.

Application Deadline: 22 July 2024

Contact Email: ngupta@pilani.bits-pilani.ac.in

