CALL FOR JUNIOR RESEARCH FELLOW AT BITS PILANI

Date: 25-09-2023

About: Applications are invited from interested and motivated candidates for the post of Junior Research Fellow in a project under Center for Research Excellent in Semiconductor Technologies (CREST), BITS Pilani. The details are as follows.

Position:	**Research Fellow**
Number of Vacancy:	**01**
Project Title:	**Design, fabrication and testing of advanced 2D materials based field effect transistors supported by DFT-NEGF exploration**
Investigators:	Prof. Arnab Hazra, Dept. of Electrical & Electronics Engineering Prof. Niladri Sarkar, Dept. of Physics
Project Tenure:	**2 years with possibility of extension to enroll to the Institute Ph.D. program.**
Job Description:	**Research Fellow** will carry out the experimental/simulation work including data collection, materials synthesis, characterizations, device fabrication and testing. He/she will also write the research papers in indexed journals, conferences and file patents. He/she will all be involved in design of a prototype device.
Essential Qualification and specializations:	ME/M.Tech in Microelectronics/VLSI/ Nanotechnology/ Material Science Engineering Or MSc in Physics/Electronics with specialization in Condensed Matter and Nanoscience with at least 60% marks.
Fellowship:	**Rs. 37000 - Rs. 42000 per month** (based on the qualification, performance and the year of PhD
Registration for PhD:	Selected candidates will be given the opportunity for a full time PhD program at BITS, Pilani as per the institute norms. For more information visit https://www.bitsadmission.com/phdmain.aspx

How to Apply:

Interested candidates should apply to this advertisement, by sending their biodata to 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: 10-10-2023