



Birla Institute of Technology & Science, Pilani

Pilani Campus

(Under a collaborative project between BITS -Pilani and IIT-Roorkee)

CALL FOR JUNIOR RESEARCH FELLOW AT BITS PILANI

Date: 16-08-2026

About: Applications are invited from interested and motivated candidates for the post of Junior Research Fellow in a collaborative project between BITS-Pilani and IIT-Roorkee. The details are as follows.	
Position:	PhD Research Fellow
Number of Vacancy:	01
Project Title:	Physics-Informed Neuromorphic Systems for Cross-Layer Optimized Smart Sensing and Predictive Intelligence
Investigators:	Prof. Arnab Hazra, Dept. of Electrical and Electronics Eng., BITS-Pilani, Rajasthan Prof. Sourav Kumar Sasmal, Dept. of Applied Mathematics and Scientific Computing, IIT Roorkee
Project Tenure:	5 years with enroll to the BITS 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:	M.E./M.Tech. in Electronics Communication Engineering, Instrumentation Engineering, Computer Science and Engineering, Microelectronics, Nanoelectronics, or VLSI Design, or an M.Sc. in Electronics, Computer Science, or Physics, with a minimum of 60% marks (or equivalent CGPA) from a recognized university/institute. Candidates with a valid GATE/NET qualification will be preferred (if applicable).
Fellowship:	Rs. 37000 +HRA per month An annual contingency grant of ₹20,000
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
Ph.D. Registration and Research Stay	The selected Research Fellow will be enrolled in the Ph.D. programme in the Department of Electrical & Electronics Engineering, BITS Pilani, Pilani Campus, Rajasthan. As part of the collaborative research programme, the candidate will be required to spend a minimum of 6 months and a maximum of 24 months at IIT Roorkee during the Ph.D. tenure.

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: 20-09-2026

