

Junior Research Fellow

The Indian Institute of Technology Gandhinagar (IITGN) invites applications for a Junior Research Fellow position.

Job description: A JRF position is available on a DST-funded collaborative project between the Medical Ultrasound Engineering (MUSE) Lab, IIT Gandhinagar, and the Biomedical and Electronic (10^{-6} - 10^{-9}) Engineering Systems Laboratory, IISc Bangalore. Candidates from electrical, electronics, and computer science (EECS) backgrounds are encouraged to apply. The candidate should have relevant experience in electronic system design and embedded system programming. Ability to use circuit design software, including Altium/Eagle for PCB designing and simulation/analysis tools, such as MATLAB is preferred. Prior experience working on analog circuit design projects and using Arduino, Raspberry pi, STM, etc., will be an added advantage.

Eligibility: Candidates must hold a BTech Degree in Electrical, Electronics, Computer Science Engineering, or related fields, from recognized institutions/universities with good academic track record. The student must have qualified through a National Eligibility Test (GATE or CSIR-UGC NET) or a National level examination conducted by Central Government Departments, as per DST norms.

Duration: 1 year

Remuneration: INR 31,000 per month (Salaries will be as per DST norms.)

Application procedure: Please apply by email to Prof. Karla Mercado-Shekhar (karlamshekhar@iitgn.ac.in). The email subject should be in the format: "JRF Application: Candidate Name". Candidates must attach the following documents as a **single PDF file attachment**: 1) CV containing scholastic and publication record, 2) Cover Letter stating a potential starting date and why you are adequately suited for this position, 3) 1-page document describing previous research accomplishments and long-term goals, and 4) contact details of at least 2 references.

Applications will continue to be screened until a suitable candidate is selected.