



भारतीय प्रौद्योगिकी संस्थान गांधीनगर

पालज, गांधीनगर, गुजरात 382 055

INDIAN INSTITUTE OF TECHNOLOGY GANDHINAGAR

PALAJ, GANDHINAGAR, GUJARAT 382 055

**Dr. Madhav K. Pathak**

Assistant Professor, Electrical Engineering,  
Academic Building 13/324B, IIT Gandhinagar,  
Palaj, Gandhinagar, Gujarat, India – 382055.

Email: [madhav.pathak@iitgn.ac.in](mailto:madhav.pathak@iitgn.ac.in)

Web: [Low-Power Circuits & IoT Systems Lab](http://Low-Power Circuits & IoT Systems Lab)

IITGN

## Advertisement for Junior Research Fellow (JRF) Position Electrical Engineering, IIT Gandhinagar

**Project Funding Agency:** Ministry of Electronics and Information Technology (MeitY)

**Project:** NSF-MeitY: Fundamental Realizable Limit Vibration Energy Harvesting: Design, Analysis, and Implementation

### Required Qualification/Skills:

- Masters (MTech/ME) or Bachelors (BTech/BE) in Electrical/Electronics or related disciplines with UGC-NET/GATE/other centralized examination qualification as applicable.
- Strong embedded programming skills
- Proficiency with circuit design and simulation
- Experience with PCB Designing, soldering, and Prototyping
- Familiarity with basic lab equipment like DMM and Oscilloscope
- Hands-on experience in electrical characterization and board level testing will be an added advantage.

**Duration:** Initially 12 months; extendable based on performance and availability of funds

**Remuneration:** INR 37,000/- per month + HRA (as per norms, if applicable)

**Application Procedure:** Apply via Google Form: <https://forms.gle/p3jwu16nQhfEEezY7>

Required documents for application to be uploaded via above Google Form: 1) CV listing educational degrees with percentage/CPI, internships, work experience, projects, research publications, and any other relevant information; 2) GATE/UGC scorecard

**Priority deadline:** 14<sup>th</sup> August 2025. This is a rolling advertisement until the position is filled however applications received on or before Aug 14 will be considered on priority.

The selection will be based on the online/offline interview and the shortlisted candidates will be intimated in advance the date, time, and mode of the interview via email.

**Contact:** Madhav Pathak at [madhav.pathak@iitgn.ac.in](mailto:madhav.pathak@iitgn.ac.in)