



CALL FOR PHD STUDENT

Date: 24th July 2026

Applications are invited from suitable candidates for **JRF/PhD admission** to work on the following project sponsored Anveshak Hub Pvt Ltd, under the supervision of **Prof. Alivelu M Parimi**, Department of EEE, BITS-Pilani, Hyderabad campus.

Title of the project: “Next-Gen Industrial Current Sensor Ecosystem: Hardware Development of Frugal Current Signature Analysis (CSA) Systems (Track A)”

Objectives: To advance the Technology Readiness Level (TRL) of a non-intrusive, energy-harvesting "Machine ECG" current sensor ecosystem from TRL 4 to TRL 8, aiming to democratize Industry 4.0 for Indian MSMEs by providing high-fidelity machine health monitoring at a disruptive price point.

Scope of Work / Services: Indigenization of self-energy-harvesting inductive coupling circuits optimized for Indian industrial grids and development of dual-modality sensing PCBA. Sensor development focuses exclusively on current (Amperage) data.

Fellowship amount: Rs. 37000 per month at BITS Pilani, Hyderabad campus

Eligibility requirement: BE/BTech/ME/ MTech in or allied disciplines or equivalent with 70% marks or 7 CGPA

How to apply: Interested candidates with the above mentioned qualification and relevant experience can submit their CV giving detailed information about the educational qualifications (marks list and certificates), research experience and published research papers if any, by **August 2nd, 2026** at this google link <https://forms.gle/uTxgJgsDMzY3WL8b7>

Important Date:

1. Last date for application: August 2nd, 2026.
2. Intimation for shortlisted candidates to be called for online interview: 3rd to 4th August 2026.

Please note that only qualified and suitable candidates will be called for interview which will be held online at BITS-Pilani, Hyderabad Campus. Selected candidate can register for Ph.D programme of BITS, Pilani as per the guidelines <https://admissions.bits-pilani.ac.in/PhD/phd.html>. Any queries you can reach out to Prof. Alivelu M Parimi at Email address: alivelu@hyderabad.bits-pilani.ac.in

