Indian Institute of Science, Bengaluru
Advertisement for the post of Project Associate (Ref: EE-PEG-SH-2024)

Multiple project associate positions are open in the Power Electronics Group, Department of Electrical Engineering, Indian Institute of Science, Bangalore.

Job Responsibilities - What you will do and learn:
- Design and development of power electronics hardware including power circuits, gate drivers, signal processing, and embedded controller
- Embedded firmware development in C for TI microcontrollers
- Hardware testing of both components and full converter system
- Circuit simulations in PSPICE, PLECS, and MATLAB
- Design PCB using Altium.
- Document design details and test reports and make presentations.

Required Qualifications:
- Bachelor or masters degree in electrical engineering or any other equivalent field
- Strong background in power electronics and hardware experience is a plus
- Experience working with FPGA programming is a plus
- A collaborative attitude is a must

Application Format:
Interested candidates should submit the application package by email to Dr. Samir Hazra at samirhazra@iisc.ac.in with the email's subject as the reference number (Ref: EE-PEG-SH-2024) mentioned in this advertisement.

The application should include the following details.

1. Resume
2. B-Tech and M-Tech (if applicable) transcripts
3. Cover letter (< 1 page) outlining your background and reason for your interest in this position.

Selection Process:
From time to time candidates will be shortlisted based on their application package, and the shortlisted candidates will be called for an online interview. The selection of the candidates will be based on their performance in the online interview. Salary will be decided as per IISc norms.

Dated: March 27, 2024