

## **JOB DESCRIPTION (Electrical)**

### **Technical requirements:**

1. Sound knowledge on simulations of electrical circuits (Preferably MATLAB)
2. Knowledge on building hardware circuitry related power converters.

### **Eligibility criteria :**

Diploma in Electrical with 60% Marks (and/or)

B.Tech in Electrical with 60% Marks.

### **Selection procedure:**

Send your curriculum vitae (CV) to "sekhar@iitrpr.ac.in" before 5<sup>th</sup> July 2018. Shortlisted candidates will be interviewed over telephone/Skype.

### **Nature of the work :**

Creating mathematical models related to renewable energy electrical systems and power converters. Should be able to design and build a circuits like gate drivers and fault detection circuits for power converters.

### **Job Location:**

Power electronics lab, Electrical department, IIT Ropar, Rupnagar, Punjab-140001.

**Duration of the project :** 3 Years

**Salary:** Rs 12500 per month (Consolidated pay).

**Designation :** Junior Project Associate.