

## Sandip Himmatrao Gawali

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### CAREER OBJECTIVE

To obtain a challenging position in a high quality engineering environment where my resourceful experience and academic skills will add value to organizational operations

### ACADEMIC DETAILS

- B. E. In Electrical Electronics and Power [2014] with aggregate of 62.4 from P.E.S. college of engineering

### WORK EXPERIENCE

- Working as Electrical Design Engineer in Parason Machinery PVT LTD from Feb 2015 to till date  
Role : Working as an Electrical Design Engineer  
  
# Designing various electrical control panels like PLC, VFD, Soft Starter, MCC, PCC, Pneumatic, ETC.  
Circuit designing, preparing SLD, Panel layout & Electrical schematics.  
  
# Making BOM, selection of material as per requirement or IP protection.  
Preparing drawings for approval.  
Communicating with clients for understanding and detailing of drawings.  
  
# Supporting to other teams for solving issues (Manufacturing & commissioning). Identifying root cause in electrical circuits & providing solution to it. Developing control logic & circuit as per requirement of projects.  
Implementing & suggesting various kaizen to increase efficiency and reduce losses.  
  
# Maintenance of electrical machines, other equipment's & maintenance at shop floor.  
Interacting with other departments to fulfil their requirements.

### PROJECT DETAILS

#### • Rural Paper

**Description :** Fully design and development of panel like MCC, VFD and PLC. From Order Approval to Erection and commission record of documents.  
**Duration :** 3 months  
**Role :** Design Engineer  
**Team Size :** 6

#### • Meghana Paper

**Description :** design and development of panela Soft starter, VFD and PLC. From Order Approval to Erection and commission record of documents.  
**Duration :** 2 months  
**Role :** Design Engineer  
**Team Size :** 5

#### • Padmavati Paper mill

**Description :** design and development of PLC panel control circuit. From Order Approval to Erection and commission record of documents.  
**Duration :** 1 month  
**Role :** Design Engineer  
**Team Size :** 3

### FIELD OF INTERESTS

- Design and development of Electrical Machine
- Experimenting, simplifying.

### SKILLS

- Good hands on Eplan 2.5
- Autocad
- SAP (PP module)
- Good knowledge of electrical circuits design and good circuit tracing.
- Good understanding of Pneumatics and Hydraulics

## **INDUSTRIAL EXPOSURE**

### **Industrial Visit at:**

- Crompton Greaves Ltd, Ahemadnagar division for Moto testing purpose.

### **Inplant Training at:**

- Official training of eplan (Basic and Advanced)

## **ACHIEVEMENTS**

- Individually developed control circuit for new HDC machine in-house.
- Succesfully developed and set zero defect testing flowchart.
- Successfully implemented many Kaizens.
- Trained two members for VFD panel wiring and programming.

## **CURRICULAR ACTIVITIES**

- PPT on “RECENT TRENDS IN DESIGN OF CIRCUIT BREAKER CONTACTS & MANUFACTURING METHODS” – TECHTRIX 2013, held in PES college of engineering, aurangabad. PPT on “SF6 CIRCUIT BREAKER” held in MIT 2014.
- Won second prize of pick and place competition PROMETHEUS 2012.
- Active member of Rotaract club of Aurangabad, Airport RID 3132

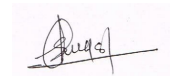
## **STRENGTH & HOBBIES**

- High grasping power
- Not only Hard but also Smart working
- High imagination power
- Trekking
- Reading

## **DECLARATION**

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Place : Aurangabad



(Sandip Himmatrao Gawali)