

**Nitin Kumar**

gupta.nitin014@gmail.com

07465049191, 07351015752

**CAREER OBJECTIVE**

Seeking Managerial Assignments in Project Management, LT Electrical Designing Tendering, Billing and Estimation with Organisation of Repute. Also, to deepen my own knowledge in the field of Electrical Research and Development.

**TECHNICAL SKILLS**

- A dynamic professional with 5+ year of experience in Electrical Project Management, Engineering, Tendering, Billing and Estimation, Electrical maintenance, Electrical Research and Development along with teaching.
- Handling project related tasks including planning, control & troubleshooting for achieving the planned periodic schedules & process control.
- Preparing project related estimates, BOQ and ensuring adherence to the same.
- Tendering process including Estimation and Analysis of Market Rates, BOQ, Preparing Draft tenders, Notice inviting tenders, Publication of Tenders, Evaluation of Technical and Financial bids, Negotiations and Awarding of Tenders
- Reviewing engineering drawings, layouts, diagrams, technical specifications, cost estimates for erection & commissioning, quality inspections of the plant/utility.
- Adapt in managing in-process inspection, approvals of drawings and technical submittals and co-ordination with consultants and clients and internal departments.
- Experience in various core Electrical tools like: MATLAB, DSpace, PSpice, Tina – circuit simulator for analogs, PSIM – electronics simulation software.
- Develop and guide the team members in enhancing their technical capabilities and increasing productivity.
- **Computer Proficiency:** MS Office, C, C++, Data Structure

**CORE COMPETENCIES**

Project Management	Operations & Energy Initiatives	Client Servicing
Electrical Maintenance	Installation & Commissioning	Research in Electrical

**PROFESSIONAL EXPERIENCE**

**A. Working as an Assistant project Engineer Electrical in HLL Infra Tech Services Ltd (Govt. of India Enterprises), Noida from January 2018 to till now.**

**Nature of Duties:** Designing concepts ,Detailed Project Report Preparation, Estimation of electrical services, BOQ preparation, Approving technical submittals and shop drawings and Project Management activities including of all electrical services within multi-storey hospitals and building Projects, Billing, Estimation and tendering process for infrastructure, Govt. hospital projects under Ministry of Health & Family welfare

**Project in progress:** Construction of AIIMS at Gorakhpur, Bathinda & Guwahati.

**B. Working experience of around 1 year as Electrical Engineer at Satyam Auto Component Ltd (Hero Group Company), Haridwar**

**Nature of Duties:** Operation & Maintenance of Star Delta Starter, DOL Starter, PLC System, AC Drive, DC Drive, Circuit Breaker& Bus Bar System. Operation & Maintenance of CNC Machine, Conveyor, Welding Robot, Maintenance of substation equipment like, VCB, ACB, Transformer, Panels, Relays, etc.

### **C. Working experience of 1 year as Electrical Engineer at Bhushan Power & Steel Ltd., Chandigarh**

**Nature of Duties:** Operation & Maintenance of Star Delta Starter, DOL Starter, PLC System, AC Drive, DC Drive, Circuit Breaker & Bus Bar System, HT/LT Switchgears, Transformers, Motors, DG Set, PLC based panels, Power factor correction equipment, Maintenance of substation equipment like, VCB, ACB, Transformer, Panels, Relays, etc.

### **D. Research Work experience around 2 years & 6 months**

- Worked as an Assistant Professor in the Department of Electrical Engineering, **NIT, Jalandhar** from *July 2015 to June 2017*
- Worked as an Assistant professor in **THDC - Institute of Hydropower Engineering & Technology (Govt.)** from *Sep. 2014 to Feb 2015*.

### **E. Research Work**

- Experimentation and Hardware Design of Converter for Regenerative Braking in Hybrid Electric Vehicle.
- Research on Grid tie Solar Power Plant, Design of Power Electronics Bidirectional Converter and Inverter, Work On Battery and Battery Chargers, Work on Inverters, Rectifiers & SMPS Converter
- Communicated International Journal on '*Cost Effective Design of A Regenerative Braking System for Light Weight Electric Vehicle*', IET Power Electronics.

## **ACADEMIC DETAILS**

- M.Tech. in Electrical Engineering (Power Electronics) from *Birla Institute of Technology, Mesra* in 2014 and secured **88.53%**
- B.Tech in Electrical Engineering from *Gurukula Kangri Vishwavidyalaya, Haridwar* in 2010 and secured **69.67%**
- XII through State Board in 2006.
- X through State Board in 2004.

## **STRENGTHS**

- Ability to start from scratch.
- Experience in Research and Development Works.
- Would like to work with innovative ideas & improvements in the assignments/ projects.

## **PERSONAL INFORMATION**

**Date of Birth** : 4<sup>th</sup> November, 1988  
**Father's Name** : Late Har Parsad  
**Languages Known** : English and Hindi

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

**Nitin Kumar**