

Electrical Design Engineer Mar 2012 - Apr 2015

EDUCATION

B.Tech in Electrical Engineering

San Jose State University Jul 2007 - Jun 2011

- Overall Marks - 78.5%

XIIth Std.

Northeastern University Apr 2005 - Mar 2007

- 12th Standard - 79.1%

TECHNICAL SKILLS

Electrical System Design & Power System Studies

- Single Line Diagram & Interconnection Diagram
- Load Flow Analysis, Short Circuit Studies using ETAP
- Motor Acceleration Studies
- Protection Settings and Relay Co-ordination

Equipment Sizing and Calculation

- Transformer Sizing Calculation
- Cable Sizing Calculation & Selection
- Lighting Calculation using AGI-32/Dialux software
- Earthing Calculation
- Battery, Battery Charger & UPS Sizing Calculation

Layout & Schedule Preparation

- **Substation Engineering:** Equipment Layout, Floor Penetration Layout, Earthing Layout , Lighting Layout , Cable Tray & Cable Routing layout
- **Plant Engineering:** Hazardous Area Classification Layout & Equipment Selection
- Earthing & Power Layouts along with MTO
- Lighting Layout along with MTO.
- Cable routing & Cable Tray layout along with MTO, Cable Schedule

MR, TQ/TBE and Vendor Document Review

- Datasheet Preparation of major electrical equipments like Transformer, PCC, MCC, Motor, UPS, Disribution Board
- MR, Technical Query, Technical Offer Evaluation, Vendor Print Review of Electrical equipments
- Co-ordination with Other Engineering disciplines

SOFTWARE PROFICIENCY

ETAP



AGI32/DiaLux



SP3D/PDS



SPEL



Microstation



SPR/NAVIS