

Poonam Mathpati

-Email me on Indeed: <http://www.indeed.com/r/Poonam-Mathpati/a8ce736e1d00a5f5>

Aim: After Successful practice of electrical engineering to serve state government utility now looking for national and international organization to grow technical skills and knowledge.

Work Experience

Assistant Electrical Engineer (Quality Control)

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY

January 2016 to September 2021

- Good exposure and understanding of 33/11 kV Distribution substation, Power Utility Consumers and Electrical power Distribution System.
- Good experience in designing of electrical system for rural electrification.
- Responsible for taking HT/Solar/open access and net metering consumer's reading through AMR and MRI, retrieving data through various metering software's, analyzing and billing of consumers monthly.
- Preparation and analysis of energy audit on each substation, feeders, identifying high loss areas and taking remedial steps for reduction of technical and commercial losses.
- Experience in SAP functional modules (Project System, Material Management, Plant maintenance).
- Different manufacturer's TOD meter and MODEM installation, data acquisition via communication interface by different language editor software's.
- Handling MSDDL SCADA DMS system includes HMI, RTUs and monitoring the system.
- Minimized customer complaint by analysis of Customer relationship management module and prepare Corrective and Preventive action.
- knowledge of IS, IEC, IEEE, NEC and UL standards.

Achievement and Initiative

- Visited 15+ no. Of substation on monthly basis so had good knowledge of schematic and wiring diagram of substation yard, battery room, control panel layouts.
- Substation layout, SLDs on AutoCAD and Electrical Distribution system modeling and analysis in MATLAB and Simulation.
- Improved Revenue generation by increasing monthly demands by 5%.
- Achieved loss reduction by 8% to bring back 11Kv feeder in A group category.
- Provided training to unskilled staff and shown active ownership towards duties.
- Successfully tackled deputed with staff, consumers, mobs and marches.

Training and Certification

- 5 days Orientation & 45 days Induction Level Training at Training center, Nashik, India.
- 7 days training regarding construction of transformer at 'Vasant Electricals Pvt. Ltd.' Sangli, India
- Completed automation workshop regarding PLC, HMI, VFD conducted by 'Educate to Automate'

Education

Master's in Electrical Power System

Sandip University - Nashik, Maharashtra

2018 to 2020

Skills

- SAP-ERP (MM, PM, PS modules)
- MATLAB
- Simulink
- AutoCAD
- Power world
- MiPower
- MS office.
Qualities
Self-Learner
- Leadership
- Determination and Persistence
- Technical Competency
- Hard work.

Certifications and Licenses

Six Sigma Certification