

Parv Srivastava

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Summary

Skilled individual with more than two years of experience in electrical and industrial manufacturing facility. Effective skills in dimensional drawings of components, blueprints, process flow diagrams, assembly line drawing, electrical wiring diagram and complete bills of material of machine components. Demonstrated critical thinking and problem-solving skills, including ability to spot issues in efficiency/productivity and suggest improvements

Education

Master of Engineering - Electrical University Of Windsor, Windsor, ON, Canada	2018 – 2019
Bachelor of Engineering - Electrical Parul University, Vadodara, Gujarat, India	2012 – 2015
Technical Diploma - Electrical Parul University, Vadodara, Gujarat, India	2009 – 2012

Relevant Experience

Assistant Engineer – Production and Quality JSL Industries Limited (Jyoti Group), Vadodara, Gujarat, India	July 2015 – December 2017
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- Supervised and inspected production, modification, and testing of electrical and electronic systems and equipment
- Allocated daily/weekly/monthly goals and communicated them effectively to assembly line technicians
- Used wide range of mechanical and machine tools to fabricate certain machine parts and other modular systems
- Tracked, reviewed and revised blueprints, drawings, component assembly designs
- Allocated tasks and collaborated with production team, design team to solve technical queries
- Documented test results, data collection, data maintenance for inspections
- Hands on experience in PLC programming, automation equipment and devices (Allen Bradley(AB), Siemens, Schneider Electric PLC)
- Trouble shooting technical faults related to assembled mechanical components, sensor errors, component failure
- Communicated with customers to identify technical issues
- Attended customer complaints

Software Skills

- AutoCAD 2D – (3 Years)
- MATLAB – (3 Years)
- SAP – ERP (2 Years)
- Siemens NX (Unigraphics) (Less than 1 year)
- Advanced Design System (ADS) – (Less than 1 year)
- MS Office (Excel, Word, PowerPoint, Office Project) – (5 Years)

Industrial and Academic Projects

Thermal over load motor protection relay

November 2015 – March 2017

JSL Industries Limited, Vadodara, Gujarat, India

- Designed and analyzed motor over load protection relay
- Successfully tested the model as per industrial testing standards

Voltage Source Inverter using Pulse Width Modulation

December 2014 – May 2015

Parul University, Vadodara, Gujarat, India

- Successfully implemented a 3-Phase 150⁰ conducting Voltage Source Inverter using MATLAB simulation followed by a working model
- Technology can be implemented in commercial Inverters which would have more stable and efficient sinusoidal waveform in the output

Low Cost Automatic Emergency Light System

December 2011 – May 2012

Parul University, Vadodara, Gujarat, India

- Modeled an automatic light system us integrated circuits
- Designed the system in such a way that the model is low cost and energy efficient

Industrial Training

- Field Study Training Tour for a week - Dubai (Electrical Automation – PLC, SCADA)
- Lucy Electricals (Vadodara) – Industrial Training for 25 days field work training
- Field Training at Purvaj Engineers, Por-GIDC, India – Mechanical Assembly and Molding
- Jyoti Ltd. (Vadodara). Industrial training for the period of 25 Days during Diploma Engineering

Extracurricular Activities

- Selected as Campaign coordinator and coordinated for a college event “Projections 2014” which involved many cultural events
- Participated and won 3rd place in “Robo Carrera”, a college event for Robotics racing
- Communicated as a volunteer and team member in innovative project idea competition held at Parul University
- Won many merit certificates for district level and state level writing and singing competition

References are available upon request