

VISHAL BAMANIYA

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OBJECTIVE

My career objective is to make an enriching engineering and hone my creativity and technical skills, to be invaluable asset to one of the leading companies in the sector, by working my way up the ladder, gathering as much diversified knowledge as possible

EDUCATION

Master of Technology, Institute of Infrastructure Technology Research And Management, Ahmedabad 2021-2023
Completed a master's Degree in Electrical Engineering with CPI of 7.11.

Bachelor of Engineering , Vishwakarma Government Engineering College, Chandkheda 2017 - 2020
Completed a Bachelor's Degree in Electrical Engineering a with CGPA of 7.82

Diploma engineering, Government Polytechnic, Porbandar 2014-2017
Completed a Diploma in Electrical Engineering with CGPA of 8.75

Senior Secondary School Certificate, St. Mary's School, Porbandar 2013-2014
Completed my SSC Education with a 75%

SKILLS

- Sap Bussiness Software
- MATLAB
- Sci Lab
- Microsoft Office
- Proteus Software
- Latex overleaf

EXPERIENCE

Maintenance Electrical Engineer May 2024 - Running
Synnova Gear and Transmission Pvt Ltd *Rajkot*

- Experienced in managing comprehensive Maintenance Department operations, including Breakdown Maintenance (BDM) and Preventive Maintenance (PM), ensuring maximum equipment availability, reduced Mean Time To Repair (MTTR), and improved Mean Time Between Failures (MTBF). Skilled in fault diagnosis of electrical systems, motors, drives, transformers, switchgear, and control circuits to minimize unplanned downtime and enhance plant reliability.
- Responsible for preparation and analysis of daily, weekly, and monthly MIS reports covering equipment performance, downtime analysis, root cause analysis (RCA), maintenance cost control, spare consumption trends, and preventive maintenance planning for continuous process improvement.
- Hands-on experience in SAP Business Software (Plant Maintenance Module) for work order creation, preventive maintenance scheduling, equipment history tracking, breakdown recording, spare parts inventory control, bill of materials (BOM) management, and maintaining accurate maintenance documentation to ensure systematic asset management.

Junior Testing Engineer Jan 2024-April 2024
Siver Consumer Electrical Pvt Ltd *Rajkot*

- Experienced in RD Department motor testing, conducting comprehensive tests on self-priming and other electric motors to evaluate performance, efficiency, and operating characteristics. Performed temperature rise, life cycle, endurance, blocked rotor, and load tests to ensure reliability and safety compliance. Analyzed and documented test data to support engineering validation and product improvement. Prepared structured reports for design verification and quality enhancement.

PROJECTS

Master of Technology Project, Understanding Shunt Active Filter: Fundamentals and Design.

As a part of MTech Project, I Worked on Developed on a Simulink model to reduce current harmonics and reactive power compensate in a power system using shunt active power filter.

M.tech Mini Project, Smart Grid Operation and Control.

As a part of MTech Project, I Worked on Developing of Matlab/ Simulink Model Of smart grid Operation and Control using smart Technologies.

Bachelor of Engineering ,Automatic Load Sharing of Transformers with GSM.

Developed a prototype for load sharing between two distinct transformers of different ratings.

INTERESTS

- Cricket
- Reading Book

LANGUAGES

- Gujarati
- English
- Hindi