

# WAKLE RITESH SUBHASH

B. Tech (Electrical Engineering)

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## SUMMARY

Electrical Engineering graduate with knowledge of transformer testing, quality inspection, and electrical equipment checking. Familiar with open circuit test, short circuit test, insulation testing, core inspection, and fault analysis.

## PROFESSIONAL EXPERIENCE

### Intern

*Digvijay industries Electrical Transformers*

Working as a Quality and Testing Intern at Digvijay Industries, gaining practical experience in electrical equipment testing, quality inspection, and fault analysis. Assisted in transformer testing, insulation checks, core inspection, and maintaining quality standards.

02/2026 – Present  
At. Chh. Sambhajinagar

### Intern

*URSC ISRO*

Completed internship at U R Rao Satellite Centre (URSC), ISRO, with exposure to electrical systems, testing, and quality inspection in space technology applications. Assisted in understanding electrical components, testing procedures, documentation, and quality standards while working with engineers and technical teams. Gained practical knowledge of power systems, instrumentation, and industrial safety in a professional research environment.

10/2025 – 11/2025  
Bangalore, karnataka

## EDUCATION

### Electrical Engineering

*Dr. Babasaheb Ambedkar Technical university, lonere*

Motivated Electrical Engineering graduate with a strong understanding of transformers, motors, power systems, and maintenance work. Skilled in testing, fault finding, quality inspection, and following electrical safety standards.

2022 – Present  
At. Chh. Sambhajinagar,  
dist. Chh.  
Sambhajinagar

## SKILLS

### Knowledge of Enterprise research planning (ERP)

ERP (Enterprise Resource Planning) at Digvijay Industries helps to connect departments like production, quality testing, purchase, sales, finance, and maintenance for smooth workflow.

### Basic understanding of electrical circuit design and analysis.

### Strong knowledge about transformers.

Strong knowledge of transformers including design, testing, quality inspection, core assembly, winding, insulation, OLTC, and performance analysis. Skilled in understanding power and distribution transformers, fault diagnosis, maintenance, and ensuring quality standards in manufacturing and testing processes.

### Knowledge of MS office (Excel, word, power point)

Skilled in MS Office including Microsoft Excel, Word, PowerPoint, and data management, report preparation, documentation, presentations.

### Autocad

I am familiar with AutoCAD Electrical and can design simple electrical circuits and layouts.

## PROJECTS

### "Hybrid solar tracking And wind power plant"

The hybrid solar tracking and wind power plant produces electricity using both sunlight and wind. Solar tracking helps the panels get more sunlight, while wind power works when sunlight is less.

09/2025 – 09/2025

### "Weather monitoring station by using Arduino."

A weather monitoring system using Arduino is a microcontroller-based project designed to measure and display various atmospheric parameters in real-time. This system utilizes different sensors connected to an Arduino board to collect environmental data, which can be displayed on an LCD screen or transmitted wirelessly.

06/2024 – 06/2024

## **CERTIFICATES**

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- Energy Literally training by (Energy Swaraj Foundation)
- AUTOCAD (Electrical)
- Home wiring and Electrical (cursa)
- URSC ISRO (construcion and maintenance group)
- Solar Power System (NIELIT)

## **INTERESTS**

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Electrical Design and Power Systems | Renewable Energy and Solar Technology |  
Transformer and Substation Engineering | Learning New Technologies