

ANCHAL LOHAR

Electrical Engineer | High-Performance in 3D Designing | Product-Focused Development

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PROFESSIONAL SUMMARY

Detail-oriented Electrical Engineer with a strong foundation in circuit design, power systems, and electrical analysis. Skilled in designing, testing, and maintaining electrical systems while ensuring compliance with industry standards and safety regulations. Proficient in tools such as MATLAB, AutoCAD Electrical, and simulation software, with hands-on experience. Adept at problem-solving, teamwork, and delivering innovative engineering solutions in fast-paced environments. Seeking a core frontend role while leveraging operational and communication strengths.

EXPERIENCE

Iraj Evolution Design Company (I.EVO)

Designation:- Interior designer

Duration of Project:- 8 month

EDUCATION

Degree/ Certificate	Board/ University	Year of Passing	Percentage
B.TECH/GRADUATE DEGREE	Rajasthan Technical University, Kota	2025	75.00%
12 th	RBSE	2021	91.20%
10 th	RBSE	2018	58.00%

TRAININGS

- In House Training (Domestic Wiring)**
Working Day – 15 Days
Description – this training conducted in college campus and studied about single phase and 3 phase wiring.
- Electrical Vehicles Training**
Working Date -01 May 2023 -20 May 2023 (20days)
Description – This training conducted in college campus in this training we study about working and construction of Electrical Vehicles & future scope of EV.
- Oriana Solar Power Pvt. Ltd.**
Working Date – 25 July 2023 – 08 Sept 2023 (45 days)
Description- Completed training in Oriana Solar Plant, Dabok on Operation and Maintenance Department. The capacity of this plant is 7.5MV and it stabilised for Udaipur Cement.
- L&T(Larsen & Toubro) Pvt. Ltd.**
Training Date:- 1 April 2024 – 30 May 2024
2 month training at college campus
- RUIDP (Rajasthan Urban Infrastructure Development Project)**
Training Date:- 10 July 2024 – 24 August 2024

45-day training at Nathdwara Location

6) **Software training**

Electrical AutoCAD (30 days in house training at college campus)

Python (45 days training at college campus)

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PROJECTS

➤ **Design And Implementation of Automatic Transformer Overload Protection System**

Duration of project:- 15 days

Role:- Team Leader

Description:- In this project we make a overload protection device for a transformer in which we use 12volt/500mA transformer and we use a inverter circuit to convert AC into DC for dc load and for overload sensing circuit we use 12v relay timer which sense the overload and turn off the secondary circuit one by one from main load according to overload condition.

➤ **Design and Development of Overhead Transmission Line Prototype**

Duration of Project:- 1 month

The design and development of an overhead transmission line prototype focuses on creating a scaled model that demonstrates how electrical power is transmitted over long distances using overhead conductors. The prototype replicates key components of real-world transmission systems, including conductors, insulators, supporting structures (towers or poles), and basic protection elements.

TECHNICAL SKILL

- Project management
- Communication.

STRENGTHS

- Leadership
- Creativity

ACHIEVEMENTS / CERTIFICATE

- Research Paper & Presentation for ISET 2024
Topic:- Design And Implementation of Automatic Transformer Overload Protection System
- Participate in one day Seminar on Sustainable Development and Renewable Energy (28-03-2023)
- Presentation On Smart Engineering for Better World (29-08-2022)

INDUSTRIAL VISIT

- Pyrotech Unit-4 (23-09-2022)
- KTPS (Kota Thermal Power Station) (05-04-2023)
- Rajasthan Atomic Power Station, Rawatbhata (07-04-2023)
- 220KV GSS, Debari (07-10-2023)

(Anchal Lohar)