

# PANAKJ KUMAR SHARMA

Gopalganj, Bihar

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## EDUCATION

**Technocrats Institute of Technology and Science, Bhopal** 2019 – 2023  
*B.Tech - Electrical and Electronics Engineering - CGPA - 8.6* *Bhopal, Madhya Pradesh*

**SWAMI PRAKASH ANAND+2SR. SEC.SCHOOL** 2017 - 2019  
*Bihar School Examination Board - Percentage - 50* *Gopalganj, Bihar*

## SKILLS

- MS Office
- AutoCAD
- MATLAB
- Plc Programming
- Documentation
- Communication Skills
- Analytical Skills
- Electrical Engineering
- Testing
- Design

## EXPERIENCE

**PowerGrid Corporation Of India Limited** *Lakhisarai, Bihar*  
*Graduate Trainee*

- Worked with high-voltage systems (400kV, 220kV, 130kV) systems
- Maintenance and testing of Switch-yard Equipments like Power Transformers, Reactors, Circuit Breakers, Isolators, CT, CVT etc.
- Different types of test on HV/LV Circuit breakers like contact resistance test, timing test, C DF test by using different test kits.
- Maintenance activities of auxiliary system i.e. ACDB/DCDB, Battery Bank, Battery Charger, Diesel Generator Set.

**Bharat Heavy Electrical Limited** June 2022 - July 2022  
*Internship* *Bhopal*

- knowledge in SwitchGear Protection, Transformer, Electrical Components, Power Supply and Distribution,

## PROJECTS

**Development and Setup of an Autonomous Drone System** | 2023

- Designed and set up an autonomous drone system using Pixhawk, a popular open-source autopilot system.
- Tools Technologies Used: Hardware/ Software Description: BLDC Motor, Electronic Speed Control, Propellers, Battery Flight Controller Board, Transmitter Receiver, Frame, GPS

**Radar System using an Arduino UNO and Ultrasonic sensor** | 2022

- Developed and implemented a radar system using ultrasonic sensors to detect and measure the size, distance, and direction of objects in real-time.

## CERTIFICATIONS

- AutoCAD by Udemey
- Basic First Aid and CPR
- Communication Skills by TCS ION

## EXTRACURRICULAR

- Organized and Coordinate **Drone Fest 2.0**
- Runner-up in a badminton tournament organized by PGCIL, Lakhisarai.

## INTEREST

- Renewable Energy
- PV Module
- Operation and Maintenance