Kalyan S. Jadhav

Roll No.: 2022BEL022  +91-9373017928

Third Year [](mailto:jadhavkalyan0258@gmail.com) [jadhavkalyan0258@gmail.com](mailto:jadhavkalyan0258@gmail.com)

Electrical Engineering [](mailto:%202022bel022@sggs.ac.in) [2022bel022@sggs.ac.in](mailto:%202022bel022@sggs.ac.in)

SGGSIET, Nanded [](https://www.linkedin.com/in/kalyan-jadhav) [LinkedIn Profile](https://www.linkedin.com/in/kalyan-jadhav)

# EDucation

* **Shri Guru Gobind Singhji Institute of Engineering and Technology** *CGPA: 8/10 Bachelor of Technology in Electrical Engineering* 2022– Present
* **Yeshwant Mahavidyalaya, Nanded** *Percentage: 97.33*

*Higher Secondary Certificate (HSC)* 2021

* **People’s Highschool, Nanded** *Percentage: 94.60*

*Secondary School Certificate (SSC)* 2019

# Projects

## Battery Diagnosis Integrated Circuit

*Faulty cell detected in a Battery*

* + Monitored voltage, current, and temperature of individual cells using voltage, current, and temperature sensors
  + Compared with reference values of a healthy cell
  + Detected and displayed faulty cells on an LCD interface

## Fault Detection in Microgrid

*Detected faults between generator and inverter using MATLAB*

* + Designed a Simulink model for a microgrid power supply
  + Detected faults between generator and inverter using signal analysis

# Technical Skills anD Interests

* **Software:** MATLAB, ETAP
* **Hardware:** Arduino, Oscilloscopes, Multimeters
* **Programming:** Basic C
* **Languages:** English, Hindi, Marathi
* **Soft Skills:** Problem-solving, Leadership, Team work, Time management
* **Coursework:** Power Systems, Control Systems, Signal and System
* **Areas of Interest:** Electric Vehicles, Renewable Energy, Smart Grids

# Positions of responsibility

* **Media Coordinator,** EESA- Electrical Engineering Students’ Association *2024 - present*
  + Led team’s social media handles
  + Organized multiple electrical competition events in Pragyaa 2025