

B. SAI

SKILLS

Coding languages: C and PYTHON

Core based: Electrical Hardware designing, ETAP, Testing of transformers, Electronic hardwares and protocols familiarity

PROJECT UNDERTAKEN

- **Capacitive Voltage Transformer:** Steps down High Voltage to Low Voltage for protection and measurement purpose
- **E-Scooter:** Designed an Electric Kick Scooter with efficient battery backup and good range
- **Overcurrent and Overvoltage circuit:** Safety and protection circuit to protect loads from overvoltage and overcurrent.
- **Student Database Management System in JAVA:**
Developed a database system using JAVA to store Student's data of library books withdrawn and deposited
- **IoT based Voltage protection system using Arduino;**
- **Sepic Converter using MATLAB:** Designed a Sepic converter circuit using MATLAB
- **Interfacing GPS Module with STM32 Microcontroller:**
This device receives the coordinates from the satellite for each and every second, with time and date
- **Solar Tree:** Smart Solar Tree that rotates with time in the direction of sunlight and charges battery and used for street lights enlightenment

DOMAIN EXPERTISE

Transformers manufacturing and Testing (1 SEMESTER)

EDUCATION

B.Tech. | Centurion University of Technology and Management | 2020-2024

Bachelor Degree in Electrical & Electronics Engineering with 8.48 CGPA (contd.)

DIPLOMA (Electrical Engg.) | MSGP Govt. Polytechnic college| Midnapore West Bengal ,WBSCTE | 2020 Passed Higher Secondary (Class-XI) with 60% | 2017.

Class X | St. Joseph's School| Kharagpur West Bengal, ICSE | 2016

Passed Matriculation with 75.0%



OBJECTIVE

I'm a nice fun and friendly person, I'm honest and punctual, I work well in a team but also on my own as I like to set myself goals which I will achieve, I have good listening and communication skills. I am well organized and always plan ahead to make sure I manage my time well



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INTERNSHIP

Study of Electric and Hybrid vehicle|

2 Month

INTERESTS

- Sketching and Singing
- Weightlifting and fitness enthusiast
- Event management

