ABHIJIT PATRA

SKILLS

PLC, SCADA and HMI programming, IIOT, MATLAB, HTML5, CSS, JavaScript,C++, ETAP, Eagle PCB design

PROJECT UNDERTAKEN

- **Load monitoring and Control using Automation:** Getting all the required and necessary data as well as controlling the appliances in large, medium and small-scale using Automation i.e., PLC, SCADA and HMI.

- **Power train design and EV:** Contributing towards Global emission, developed a EV controller and a E Scooter to make our own Electric Vehicle.

- **Simulation-of-power-converters-using-Python:** Implemented a waveform observation technique in without circuit diagrams. Utilized PyCharm's IDE for efficient code development and debugging.

- **Over Voltage and Over current protection System:** A pure electrical project based on protection of appliances using a low-cost circuit and IC

- **Solar Tree:** A tree structured connected with solar panel and sensors and circuits, light glows up in the night and charges in the day light

- **Smart IoT Vehicle with tracking System:** A obstacle avoidance vehicle connected with IoT and GPS and GSM module for tracking.

- **Hospital Management System:** A web application uses HTML5, CSS, JS, MySQL and PHP to successfully execute the application which serves the all facility in online Mode.

DOMAIN EXPERTISE

Industrial Automation| Learning and Developing Automation systems using PLC, SCADA and HMI | 6 Months|2022-2023

EDUCATION

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

Bachelor Degree in Electrical & Electronics Engineering with 9.09 CGPA (contd.)

Class XII (IT with Math) | Udayanath Autonomous College of Science & Technology | Cuttack, Odisha CHSE | 2020

Passed Higher Secondary with 63.8%.

Class X | Baleswar High School | Cuttack, Odisha BSE | 2018

Passed Matriculation with 77.3%

OBJECTIVE

Passionate Electrical and Electronics Engineering graduate dedicated to powering company growth through technical expertise and analytical acumen. Devoted to sustainable practices, I strive to enhance professional skills that align with company values and drive career progression.

abhijitpatra647@gmail.com

+91- 7848037582

https://www.linkedin.com/in/abhijit-patra-330117210/

https://github.com/AbhijitPatra1

INTERNSHIP

- Study of System Reliability Indices | **Tata Power Southern Odisha Distribution Limited (TPSODL)** | 1st June 2023 - 14th July 2023

- Power Train Design | **Smart Engineering Application Research Center** of Centurion University of Technology and Management | 1Month | 2021-2022

INDUSTRY CERTIFICATION/ RECOGNITION

- Internshala Trainings PLC programming skill Certification
- Electrical Power System from Course Era

INTERESTS

- Tech. Exploring
- AI Videos and Documentaries