ASHUTOSH PATTNAIK

ELECTRICAL ENGINEER

[ashutoshpattnaik2cool@gmail.com](mailto:ashutoshpattnaik2cool@gmail.com)

+91 – 7008241031

**P R O F I L E**

P R O F E S S I O N A L

S K I L L S

C C++ JAVA

PYTHON HTML

CSS

PLC SCADA

SQL

C E R T I F I C A T I O N S

Internet of Things Hybrid Energy Vehicles PLC SCADA

National Service Scheme (NSS) Business English Certificate (BEC)

HackerRank Python (Basic) Certificate

S U M M A R Y

* Active Interest in Technical Work
* Good Analytical approach to problem solving
* Excellent team player with good interpersonal skills

T R A I N I N G A T T E N D E D

**SOLAR PANEL INSTALLATION AND HOUSE WIRING SYSTEM**

GIET UNIVERSITY

**RENEWABLE ENERGY SYSTEMS**

ENERGY ENIGMA SOLUTIONS

**P R O F I**

To work in developing organization, that provides me the opportunity to invest my knowledge and skills towards the growth of the organization and reciprocating with attractive prospects for long term professional excellence and personal development.

**P R O J E C T**

**IOT ENABLED SMART GRID WITH ENERGY MANAGEMENT SYSTEMS**

**SMART INDIA HACKATHON - 2019**

Designed a system, which could detect as well prevent both power theft and overload Provided a centralized controller which was used to monitor all the things

Reduced the time delay during switching by the help of Auto-changers Connected all the sensors to the internet using Arduino

**SMART** **HOME AUTOMATION**

Compared the energy consumption the between normal home and a smart home. Monitored health issues if any in the residents

Developed a gas sensor and a precipitation sensor so as to find out the air quality Automated the appliances using IOT and Arduino

**SMART GRID CYBER SECURITY**

**DETECTION OF TRANSMISSION LINE FAULTS USING GSM TECHNOLOGY**

**SPEED COTROL OF DC SHUNT MOTOR USING MICRO CONTROLLER**

**E D U C A T I O N**

**BACHELOR OF TECHNOLOGY** ELECTRICAL ENGINEERING

GIET UNIVERSITY, GUNUPUR | 2016 – 2020

**INTERMEDIATE**

SCIENCE

GURUNANAK PUBLIC SCHOOL, SAMBALPUR | 2014 - 2016

**MATRICULATION**

St. JOSEPH’S CONVENT HIGHER SECONDARY SCHOOL, SAMABALPUR | 2012 – 2014

**AWARDS**

**AICTE SMART INDIA HACKATHON - 2019**

Ministry of Power | JULY - 2019

AICTE SMART INDIA HACKATHON -2019