# Sucharita Mishra



**Veer Surendra Sai University Of Technology** [**misra.sucharita98@gmail.com**](mailto:misra.sucharita98@gmail.com) **|** [**mishra.sucharita98@gmail.com**](mailto:mishra.sucharita98@gmail.com)

**+91-8280236121/+91-9348960672**

**Career Objective**

Self-motivated and hardworking graduate seeking an opportunity to work in a challenging environment to prove my coding skills and utilize my knowledge of various databases for the growth of the organization. To excel in my chosen field of occupation and contribute towards the betterment of the organization to the best of my abilities . To work in a competitive environment with a perfect challenge by contributing the best not only for the growth of the organization but also for the growth of my personal career .

# Education

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| --- | --- | --- | --- | --- | --- |
| Sl. No | School | Degree | Board | Percentage/CGPA | Year of passing |
| 1 | Veer Surendra Sai University Of Technology,Burla,Odisha | B. Tech | - | 8.37 | 2020 |
| 2 | Saraswati Vidya Mandir, NeelakanthaNagar,Berhampur, Odisha | XII | CHSE | 85.83% | 2015 |
| 3 | Saraswati Vidya Mandir,Neelakantha Nagar,Berhampur,Odisha | X | BSE | 89.66% | 2013 |

**My Industrial Trainings, Projects, Seminars**

* Undergone 30 days vocational training in National Aluminium Company Limited, Damanjodi.
* Attended a 30 days training programme in Indian Rare Earth Limited, Matikhalo, Chatrapur, Ganjam.
* SEMINAR TOPIC- Density Based Traffic Control using Microcontroller

DESCRIPTION-The aim of the project is to solve traffic congestion which is a severe problem in many modern cities all over the world. To solve the problem, we have designed a framework for a dynamic and automatic traffic light control system and developed a simulation model with codes in to help build the system on hardware. Generally, each traffic light on an intersection is assigned a constant green signal time.

It is possible to propose dynamic time-based coordination schemes where the green signal time of the traffic lights is assigned based on the present conditions of traffic.

The intelligent work which is done by traffic inspector will be perfectly done by the microcontroller in the circuit with the help of sensors and the program which is coded to the microcontroller.

* PROJECT- Smart Plug Integration in DC Appliances Using IoT

DESCRIPTION- In this project Node MCU is interfaced with the IGBT and followed by motor driver. The gate terminal of IGBT is connected to the motor driver and the collector emitter terminal is connected across the load. Here, we are controlling the current passing through the collector-emitter by changing the gate biasing voltage, and hence, changing the channel width of IGBT. Here the power diode is used to prevent the reverse current.

# My technical Skills

* Skills: Java, Microservices, Springboot , amazon Webservice(AWS),Angular, HTML, CSS
* Proficient in Microsoft Word, Excel, Power Point Presentation (Basic).
* Database: Oracle, MySQL
* Simulation: MATLAB
* Tools : Eclipse, NetBeans, Spring Tool Suit

# Achievements

* Awarded State Scholarship for meritorious performance in 2008,2006.
* Attended interschool science exhibition and debate competition.
* Participated in district level singing competition and essay writing competition.
* Participated in Long jump and discus throw and yoga competition.

# My Extra-curricular

Singing and listening music