**SIDDHARTH GOUNDER**

**PROFILE**

An upcoming Electronics and Communication Engineering graduate, seeking position as an entry level product developer, looking forward to learn and work in the field of Digital Electronics, Networking and grow along with the organization by actively contributing to the top and bottom line of the organization.

**EDUCATION**

* **B.Tech** **Electronics and Communication Engineering**

**CGPA – 8.47 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 81.2% **2019**

Institution:

* **Class 10** – 96% **2017**

Institution:

**TECHNICAL INTERESTS**

Digital Electronics, VLSI, Networking

**PROJECTS**

**A Secure Time-Lock Based Logic Circuit Using Dynamic Obfuscation and Active IC Metering**

The aim of the work proposed is to implement the existing techniques in such a combination which gives us a more secure, reliable circuit than the existing securing methods and also allows time-based access to this circuit.

Exposure: - Vivado, Synopsis, Model Sim.

**Designing circuit for an industrial sensor using Resistance Temperature Detector (RTD)**

To measure the temperature in a certain range and to make a LED blink when it crosses a particular temperature.

To generate an alarm at set value using variable resistors in the circuit.

Exposure: - LtSpice, Cedar.

**TECHNICAL SKILLS**

Python, Verilog (HDL Language), LTspice, Cedar, Model Sim, Vivado, Synopsis

**INTERNSHIP**

**HFCL Ltd**Learned the process involved in optical fiber manufacturing, quality testing, short term and long term reliability testing using various tools and techniques. Gained knowledge on   
Environment conditions and Utilities required to produce quality fiber and maintenance practice followed to up keep the production equipment’s. Fair understanding of raw   
materials and Gases used and its quality parameters to produce the best quality final product.

**CERTIFICATIONS**

In-Plant Training at HFCL Ltd.

Networking Essentials (Cisco Networking Academy)

Introduction to Packet Tracer (Cisco Networking Academy)

Python Data Structures (Coursera)

Python for Everybody (Coursera)

**LANGUAGES**

English, Tamil