**SUKKA NANDANA**

**PROFILE**

An enthusiastic and performance-driven Electronics and Communication

undergrad, actively seeking for an opportunity to work with the applications in

communications and RF related areas , with the goal of contributing a fair part

and evolving in the said area.

**EDUCATION**

* **B.Tech Electronics and Communication**

**CGPA – 7.92 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 100% **2019**

Institution:

* **Class 10** – 98% **2017**

Institution:

**TECHNICAL INTERESTS**

Communication, RF, VLSI, Computer Networks

**PROJECTS**

**Direction Gloves**   
Duration/Period: 2 months   
Objective: This project aims at enabling easy communication between disabled people and others   
Tools or techniques used: Gyroscope sensors, Arduino Nano.

Outcome: Successfully designed the gloves using gyroscope sensor

**Moving Arduino car with help of Bluetooth.**

Duration/Period: 2019.

Tools or techniques used: Arduino, C coding.

Outcome: Successfully designed the android interface to control the car using blue tooth

**Compact wideband patch antenna for sub-6GHz 5G communications.**

Duration/Period: On going   
Tools used: Ansys HFSS

**TECHNICAL SKILLS**

Python, C, MS Office, Data Structures and Algorithms

**INTERNSHIP**

**LabView Proficiency** Issued by: NI Clad Instruments  
 Duration : 14-08-2020 to 31-04-21 Certification Date: 1-05-2021

**CERTIFICATIONS**

**RineX Technologies**

· Duration/Period: 2 months

· Objective: To gain practical insight into VLSI Design

· Tools or techniques used: Model sim

· Outcome: Learned CMOS fabrication and VHDL coding

**LANGUAGES**

English, Telugu