

TAMMISETTI NAGA HARA SATHYA SREE

RoomNo:511,A block, New LH – NIT Warangal

+918142498372 • ntammisetti@student.nitw.ac.in

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Education

NIT Warangal

B.Tech, Electronics and Communication Engineering, 8.2CGPA.

Warangal.

2015–2019

Srigayatri Junior College

Intermediate, MPC, 98.5%.

Hyderabad.

2013–2015

Bhashyam High School.

Schooling, SSC, 9.8GPA.

Hyderabad.

2012–2013

Technical Skills

- Languages – ARDUINO, PSpice, VHDL, C++, JAVA.
- Basic Knowledge in IoT, MATLAB, CSS, HTML, Image Processing, AutoCAD, Python (related to Raspberry Pi), MS Office.
- Pursued the courses Control systems and Signals Systems and have a good knowledge on it.

Fields of Interest

- Digital System Design, Digital Design Technologies, Integrated Electronics and Chip Fabrication Techniques.

Trainings

IoT ON RASPBERRY PI: We came to know about the importance of IoT and we had hands-on experience on various sensors and also learnt the basics of python language.

SMART TECHNOLOGIES FOR SMARTER LIVING:IoT: We learnt about various applications of IoT, IoT devices available in the market. We had hands-on experience on various sensors. We used Wio Link board, sensors and IFTTT application to check the output of the sensors.

NITW ARDUINO CHALLENGE: We were given some challenges, and we completed them. We studied about different sensors. We built a small game with the sensors and ARDUINO.

ARDUINO Workshop: We learnt about the basics of ARDUINO and some sensors.

Project Work

SELFIE-TAKING-ROBOT(Done as a part of Hackathon5.0): The robot is programmed using ARDUINO UNO. This will help us to take selfies and pictures in panoramic mode. It is controlled using Bluetooth application from our mobile. The orientation of mobile is changed using servomotors. A motor driver is used to control the direction of rotation of each servomotor.

HAMMING CODE(SECDED): We built a program which detects a double bit and corrects a single bit error in the information received, which is transmitted by a transmitter, using Vivado Design Suite software suite produced by Xilinx for synthesis and analysis of HDL designs.

Internship

Image Processing: I learnt about game hacking using image processing in MATLAB software.

Campus Involvement

- Worked as Joint Secretary for National Service Scheme, NITW 2016-17.
- Worked as a Workforce for Decoration and Designing department in Technozion,NITW 2016 and Spring spree,NITW 2017.
- Worked as a Workforce for Electronic Debugging event in Technozion,NITW 2016.

Activities

- We conducted a hardware workshop, for one week, to the Government school students at Chinnaganjam village. Students got hands-on experience on how to implement the things practically. We conducted a competition on the last day and students participated with great enthusiasm.
- Attended Winter Special Camp at Mogilicherla, from 7th Jan,2017 to 14th Jan,2017, as a part of National Service Scheme(NSS), NITW 2016-17.
- Participated in the event,400mts running(women),and stood in third place. This event is conducted by Intramural Tournaments,2015-16 organized by Department of Physical Education,NITW.

Personal Skills

Strengths : Fluency in English,hardworking nature along with smart thinking,self-confident and logical thinking .

Personal Interests : Coding,making creative arts,craft work and reading books(novels).

Extracurricular Activities : Playing carrom and badminton.