

SANTHOSH P

Electronics And Communication Engineer

Ph: +91-9597143253

Email: santhoshp.ec20@bitsathy.ac.in

Personal Email: Santhoshrakki23@gmail.com

Erode, Tamil Nadu, India - 638503

Linkedin: <https://www.linkedin.com/in/santhosh-p-31a469250/>

Portfolio: <https://santhoshrakki.github.io/santhosh.github.io/>

Github: <https://github.com/SanthoshRakki>



CAREER OBJECTIVE

Working for the organization and utilizing my skills and using my knowledge to achieve the organizational business goal as well as achieve my own career goals for the benefit of the organization.

KEY EXPERTISE / SKILLS

C | C++ | HTML | CSS | JavaScript | React | MongoDB | Node.js | LabView

EDUCATION

Bannari Amman Institute of Technology, Erode

B.E. - Electronics And Communication Engineering | Percentage: **84.20/ 100.00**

2020-2024

Little Flower Matriculation Hr.Sec School, Erode

10th | TAMIL NADU STATE BOARD | Percentage: **95.60/ 100.00**

2018

Little Flower Matriculation Hr.Sec School, Erode

12th | TAMIL NADU STATE BOARD | Percentage: **72.50 / 100.00**

2020

INTERNSHIP

- Undergone 15 days Internship at **BSNL** Telecommunications at Chennai
- In this intern, we learned how telephony works and its fundamentals, as well as what types of cables are used in telephony.
- We engaged in a hands-on activity where we selected the cable, connected to one another, and learned how various types of cable function and serve different reasons.

Areas of Interest

Soft Skills

Tools

- Embedded programming
- Robotics and automations
- problem solving
- Webpage Development

- Leadership skills
- Adaptability
- Time management

- Canva
- Visual Studio
- MS Excel
- Virtual Instrumentation
- OS: Windows

Co- curricular Activities

- As an organizer of a line follower and Robo soccer competitions in our college, I have successfully organized and conducted the event in which participants came from a variety of locations.

PROJECTS

DD-ROBOCON 2022

Role : Electronic stream | **Team Size:** 7

Key Skills: Arduino Embedded C - Mobile Robotics - DC Motors - Electronics

Jan 1, 2022 - July 16, 2022

Description: Two robots must be created for this competition; one will toss a ball at the lagori foams, and the other will rearrange the foams within the allotted time.

SAEISS Dr G Padmanabhan ETWDC 2022

Role: Electronic stream | **Team Size:** 10

Key Skills: Arduino Embedded C - Batteries - Hub motors - Sensors

Feb 10, 2022 - Oct 18, 2022

Description: The competition's theme was the creation of electric scooters. There are numerous tests, including design, gradeability, bump, stability, endurance, brake, and innovation tests.

Hestia' 22 (Line follower, Robo War, Dirt Race, Unwired)

Role: Prototype making | **Team Size:** 6

Key Skills: Embedded C - Motors - Sensors - Manual robotics

Apr 10, 2022 - May 27, 2022

Description: In the LFR event, the bot had to follow the line from beginning to end in the fewest possible seconds. Making the opponent bot immobile is a need for Robowar.

Tathva'22 (Robo War, Hoverdrive, Dirt Race, Amphibot, Pick and Place)

Role: Prototype making | **Team Size:** 10

Key Skills: DC Motors - Flysky - Manual robotics- Electronics

Sep 1, 2022 - Oct 23, 2022

Description: These are the several robotic competitions, and we must build our robots in accordance with the issue description for each one.

SIEP - E BIKE 2021 (ISIE)

Role: Electronic stream | **Team Size:** 15

Key Skills: Brushless Motor- Embedded C - Circuit

Sep 24, 2021 - Dec 28, 2021

Description: The goal of the competition was to construct an electric bike that would withstand various tests.

ACHIEVEMENTS

- Won 1st place in **Dirt Race** competition (Hestia'22) - TKM Kollam.
- Won 2nd place in **Unwired** competition (Hestia'22) - TKM Kollam.
- Won 2nd place in **Amphibot** competition (Tathva'22) - NIT Calicut.
- Won 3rd place in **Hover drive** competition (Tathva'22) - NIT Calicut.
- Won 4th place in **Robo war** competition (Tathva'22) - NIT Calicut.
- Won best presentation award in **SAEISS E Bike 2022** - SRM Chennai.
- Attended final in **DD-Robocon-2022** National Level Robotics Competition conducted by IIT Delhi.
- Developed an Iot- based **Smart Assistance Device** product.

PERSONAL DETAILS

- **Gender :** Male
- **Current Address :** 30, Chenniappan Street, Kodiveri road, DG Pudur, Erode, Tamilnadu - 638503.
- **Date of Birth :** Mar 23 2002
- **Languages known :** English, Tamil

DECLARATION

I **SANTHOSH P**, hereby declare that the above written particulars are true to the best of my knowledge.

DATE: 08.03.2023

PLACE: SATHYAMANGALAM

SANTHOSH.P