

### Objective:

To fit myself into a challenging environment that could help exercise my skills on Electronics cum Automation forum, learn through experience and propel the company's growth

### Education:

Grade	Institution	Percentage
BE EEE	College of Engineering Guindy	CGPA 8.33*
HSC	Kamlavati.Higher.Secondary.School	92.7%
SSLC	Kamlavati.Higher.Secondary.School	CGPA 10.0

\*-at the end of semester 6.

### Field of Interest:

- Analog and Digital Electronics
- IoT and Automation

### Technical Skills:

- Languages: C++, Python, Java (Intermediate Proficiency)
- Software's: MATLAB (Intermediate Proficiency), Adobe Photoshop, Arduino, Android Studio
- Hardware's: Hands on experience with Arduino, Raspberry pi, ESP8266

### Projects:

- **Servy Bot | 2017**
  - An autonomous bot that traces the path, which is controlled over Wi-Fi through an app.
  - Involved in the development of hardware using Arduino, stepper motor, Rfid and Circuits.
- **Automatic Fire alarm system | 2017**
  - An automatic system that gives as alert through mail in case of fire using ESP8266 and MQTT protocol.
- **Face recognition and Personal assistant using Python | 2018**
  - A Python script that detects face and respond to our commands which are already predefined.
- **Smart Drip Irrigation System using IoT | 2018**
  - Involved in the Design of hardware part and integration of sensors such as Moisture, Temperature and Controlling Motor with Raspberry pi and ESP8266.

### In-plant Training | 2016

- Bharath Electronics Limited (BEL)-Nandambakkam, Chennai
  - Inplant trainee for 5 days
  - Had an exposure about Electronics and Control system applied in Tanks and Warcrafts used in Indian Army.

### Internship | 2018

Summer Intern at **Artro Energy**, an IoT based Startup, analyzed about the Performance of Grid-Tied solar plant which helps **Solar Asset and Predictive maintenance**.

- Involved in the development of Hardware for MODBUS RTU communication with Inverter
- Development of Cloud Dashboard for Remote Monitoring of 10KW Solar Plant

### Achievements and Awards:

- Won in 'HOW WILL YOU SELL IT', 'ROBO RACE', 'LINE TRACER' at Inter College Symposiums and Tech Fests.
- Runners up in **Smart City Challenge 2018** at Shaastra'18, A National level technical fest, by Indian Institute of Technology, Madras.

### Responsibilities Undertaken:

- Currently, appointed as President of Society of Electrical and Electronic Engineers, CEG
- **Projects Coordinator**, CEG Tech forum, Anna university 2017-18
- **Team Leader** for our Project in **Smart India Hackathon 2018**, Government of India.
- Organized Workshops and Events in **WAVES 18**, A National level Techno-Management symposium by Department of EEE, CEG.

### Languages Known:

- Tamil
- English