

**NARASIMMARAO. S**  
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**CAREER GOAL:**

To work in competitive, challenging environment and constantly strive for excellence in whatever I do through a constant process of learning and excel.

**SPECIALITIES:** Electrical and Electronics Engineering

**EDUCATIONAL QUALIFICATIONS:**

S.No.	Degree	Institute	Year	Percentage
1.	B.E. (EEE)	Anna University, BIT campus, Trichy, Tamil Nadu.	2016	60.5%
2.	Diploma (EEE)	Swamy Abedhanandha Polytechnic College, Thellar, Tamil Nadu.	2013	95.12%
3.	12 <sup>th</sup> (maths, Physics, Chemistry, Biology)	Govt.hr. sec. school, Thavalakuppam, Pondicherry.	2010	55%
4.	SSLC	Govt.hr. sec. school, Thavalakuppam, Pondicherry.	2008	66.4%

**PROJECTS UNDERTAKEN:**

➤ **HEALTH CARE MANAGEMENT SYSTEM USING LINE FOLLOWING ROBOT-2016**

A line following robot carrying medicine has been designed for providing the medicine to the patient whenever they need it. A Line follower robot is an electronic system that can detect and follow the line drawn on the floor.

Generally, the line is specified a predefined path that can be either visible like a black line on a white surface with a high contrasted colour. Light dependent resistor sensor has been attached with the robot whose resistance varies with light intensity. When the LDR receives maximum amount of light then its resistance goes to its minimum value, ideally zero and when no light falling on the LDR then its resistance goes to its maximum value, ideally infinite.

A switch with IR sensor has been fitted near the patient, which connection has been made by the robot too. If the patient presses the switch then a flag bit set in the microcontroller, from which line following robot follows the line and got reached near the patient and provide the medicine to the patient with the help of dc motor.

A proximity sensor also has been attached with the robot so that robot can detect any obstacle on their ways and can alarm. The ability to get someone around the clock is the best thing that this system can do. This technology focused on the delivery of safe, timely, efficient, effective, patient-centered and equitable health care.

➤ **ENERGY CONSERVATION SYSTEM USING MICROCONTROLLER – 2013**

Automatic Room Lighting System is a microcontroller based project that automatically turns on or off the lights in an auditorium. Electricity, being one of the most important resources, must be utilized carefully. We often forget to switch off lights or fans when we leave a room. By using this system, we can intentionally forget about the lights as the system will automatically take care of them.

The digital World we are living in allows us to use different technologies to automatically perform certain tasks. Such automation is very useful in certain areas like energy consumption, reducing human efforts, improving standard of living etc.

The project implemented here is one such project where the microcontroller based system automatically controls the loads in the auditorium.

The aim of this project is to automatically turn on or off the lights in a room by detecting the human movement. We implemented this project using 8051 Microcontroller and two Infrared (IR) sensors.

Since the job of the circuit is to turn on the light when someone enters the room and turn off the light when the last person leaves the room, the project has to internally count the number of visitors entering and leaving the room. Hence, the project acts as an Automatic Room Lighting System as well as Bidirectional Visitor Counter.

**AREA OF INTEREST:**

- ❖ Electric motors (both AC &DC)
- ❖ Transformers
- ❖ Batteries
- ❖ Generators
- ❖ Insulators

**SKILLS:**

- ❖ Fault tracing in electrical circuit, Fixing and maintenance of electrical and electronics equipment's
- ❖ Estimating cost of electrical wiring for both domestic and industrial purposes
- ❖ Making control panel using power electronics devices
- ❖ All kind of cctv cam installation and network configuration
- ❖ Rewinding the all kind of motors

**SOFTWARE SKILLS:**

Microsoft office, adobe Photoshop, video editing, e-mail, web and social network skill.

**Programming:** PLC, Electrical AutoCAD and MATLAB basics

**COMPUTER SKILLS:**

**Operating systems:** Windows, Linux, Android and Mac, Networking and troubleshooting the computer related problems.

**PERSONNEL ATTRIBUTES:**

Analytical, details oriented, work well in a team as well as independently, self-motivated and solution oriented.

**HOBBIES:**

Drawing and painting, reading books, social service and pc games

**EXPERIENCE:**

Current designation: "Electrical Maintenance Engineer"

Organization: "SRI SULOCHANAA INDUSTRIES", puducherry

Experience: from 03-07-2016 to 11-10-2018.(2 years & 4 months)

My role:

- 1) Perform repairs listed on work orders
- 2) Maintain the work orders as a record of work completed
- 3) Make repairs in a timely professional manner
- 4) Perform preventative maintenance other tasks as assigned
- 5) Perform scheduled maintenance inspections repairs
- 6) Ensure fire safety equipment
- 7) Ensure that maintenance tools are in good working condition and stored neatly securely in the maintenance room
- 8) Maintain monthly tool inventory records

**SUBJECTS TAKEN:**

Electrical Machines, Power Electronics, Power Systems, Control Systems, High Voltage, Power Quality, Linear Integrated Circuit, Analog and Digital Circuits, Flexible AC Transmission Line, Control Of Electrical Machines, Electrical Estimation.

**PERSONAL DETAILS:**

Father Name	:	Sakthivel A
Occupation	:	daily wages
Mother Name	:	Sasikala S
Occupation	:	home maker
Date of birth	:	31.10.1992
Age	:	26
Sex	:	Male
Marital status	:	unmarried
Nationality	:	Indian
Languages known	:	Tamil, English

**DECLARATION:**

I hereby declare that all the above furnished details are true to the best of my knowledge and behalf.

DATE:

Sincerely

PLACE: VANUR

(S.NARASIMMARAO)