



SENTHILKUMAR .S



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An Enthusiastic fresher with exceptional problem solving and troubleshooting skills having bachelors of Electrical Engineering. Eager to learn new technologies and methodologies

SKILLS

PROGRAMMING SKILLS	C, JAVA, Data Structure
TECHNICAL SKILLS	LabVIEW, ARDUINO
PERSONNEL SKILLS	Problem Solving Quick and Self Learner Team Player

PROJECTS

Title: Automatic Railway Gate Controller

Jun 2017 – Sep 2017

The proposed system uses infrared sensors to detect the arrival and departure of trains at the railway level crossing and Arduino to control the opening/closing of gates. The accidents are avoided at place where there is no person to manage the railway crossing gates

Title: Automatic Maze Solver Robot

Dec 2017 – Mar 2018

The aim of this project is to make an Arduino based efficient autonomous maze solver robot. Two simple mazes solving algorithms "Wall following algorithm" and "Flood fill algorithm" are used to make this robot. In this project Hardware development, software development and maze construction had been done. For performance testing, the robot will implement to solve the 4×4 maze

EDUCATION

Degree/Course	Percentage/CGPA	Year of Passing
B.E(EEE) Sri Ramakrishna Engineering college , Anna University	7.41	Pursuing
HSC Arumugum Academic Matric Hr Sec School , State Board	90 %	2015
SSLC Government High School , Nanjaithalaiyur, State Board	91.4 %	2013

ACHIEVEMENTS

SPORTS

- Runner of Cricket in SRI RAMAKRISHNA ENGINEERING COLLEGE (COLLESUEM 2016)
- Runner of Handball in P.A VIDHYA BAVAN MATRIC HR SEC SCHOOL (ZONAL 2013-2014)

ONLINE COURSE

- Successfully completed NPTEL course on "CONTROL ENGINEERING" on July- October 2017

INPLANT TRAINING

- Underwent the In-Plant training in VIVIN Industries, Coimbatore

RESPONSIBILITY

- Member of Renewable Energy Club since 2016
- Member of Entrepreneur Development Club since 2016
- Member of Indian Association of Energy Management Professional since 2017
- Part of a team in the working model project during symposium for past 2 years

CO-CURRICULAR ACTIVITIES

- Attended the seminar on **Enactment of Solid State Dielectrics Using ANSYS Tool for Electrical Engineers** at Sri Ramakrishna Engineering college on 10th March 2018.
- Participated in **Smart India Hackthon** on January 2018
- Attended the workshop on **Energy Conservation and Industrial Electrical Safety** at Sri Ramakrishna Engineering College on September 25th 2017.
- Attended the workshop on **Integration of Renewable Energy and Smart Grid** at Sri Ramakrishna Engineering College on 24th August 2017.
- Attended the Hands on training on **Lab View for Electrical Engineers** at Sri Ramakrishna Engineering College, Coimbatore on 30th and 31st January 2017.
- Attended the workshop on **PCB Designing for engineering applications** at Sri Ramakrishna Engineering College, Coimbatore on 6th and 7th October 2016.

AREAS OF INTERESTS

- Power Electronics
- C Programming

PERSONAL DETAILS

NAME	: S.Senthilkumar
FATHER'S NAME	: S.Selvaraj
MOTHER'S NAME	: S.Selvi
DATE OF BIRTH	: 30/07/1998
LANGUAGES KNOWN	: Tamil, English
PERMANENT ADDRESS	: 5, Valayan Kattu Thottam, Guddalur east bit 2, Arangapalayam, Karur-639 202.
HOBBIES	: Playing Cricket Playing Chess

DECLARATION

I hereby declare that the above furnished particulars are true to the best of my knowledge and belief.

DATE:
PLACE: Coimbatore

(S.SENTHILKUMAR)