

Nagesh K

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OBJECTIVE

To constantly upgrade my knowledge and skills and make a difference in whatever I do.

EDUCATION

Degree	College/School	University	Passing Year	Percentage
Bachelor of Engineering	RV College of Engineering	VTU	2019 (Pursuing)	9.03 (3 sems)
Pre-University	S Nijalingappa PU College	-	2015	96
Secondary School	Twinklers High School	-	2013	96

PROJECTS

1. **Robotic Arm:** This project aims at providing a remotely controlled substitute for the arm. This also aims at industrial automation.
2. **Trailblazer:** Organized by NIT Surathkal. This project aims at developing a bot capable decoding realtime data . This uses the concept of line follower to follow the line while decoding the information on the ground. The information is in the form of black patches which is recognized using an IR sensor..
3. **e-Yantra:** Organized by IIT Bombay. This project aims at tackling one of the basic challenges faced by the mars rover i.e. crossing the crater. This project uses concept of image processing to identify the obstacles,

cavities etc. An efficient path is planned based on this information which is sent to the rover.

4. **LED Cube:** This project aims at developing a multipurpose cube for both education and entertainment purpose. It is 4X4X4 LED matrix replicating a Rubiks cube.
5. **Line Follower:** This project aims at developing a model to replace the present rail system in industries. The prototype uses IR LEDs to recognize the white line.'
6. **Snake Game:** This project aims at developing a game. It uses 64X64 graphical LCD for display. 8051 Microcontroller is used to interface the LCD and to accept the user inputs, based on which the snake is controlled.'

TRAINING AND INTERNSHIP

- Conducted a 'Basic Robotics Workshop' for class 12 students.
- Attended a Workshop on "PCB Design".

RESEARCH PUBLICATION

SOFT SKILLS

1. Hard working, dedicated and punctual
2. Team work and responsibility
3. leadership qualities

EXTRACURRICULAR ACTIVITIES

- Volunteered as a student mentor at the 'The Akshay Patra Foundation', an NGO in Bangalore.
- Been a 'Head Boy' in my school.

CO-CURRICULAR ACTIVITIES

1. Participated in inter-college quiz contests.
2. Organized few inter-college competitions.
3. Part of acting club in RV.

ACHIEVEMENTS

- Participated and won **1st place in Engineer 2016, Trailblazer** event organized by NIT-Surathkal.
- Participated and won **4th place in e-Yantra 2017, Cross the Crater** theme organized by IIT-Bombay.

Personal details

Father's Name	Keshava Kumar A
Mother's Name	Asha P S
Sex	Male
Date of Birth	23 rd Jan 1998
Nationality	Indian
Marital Status	Single

Reference

Declaration

I hereby declare that the above information is true to the best of my knowledge

Date: *April 24, 2017*