

Name: Mahadev Mishal

Address: At-vetye, Post-Malgaon Tal-Sawantwadi,
Dist-Sindhudurg, Maharastra, PIN: 416510

contact No: 9420886521

email id: mishalmahadev500@gmail.com



1 Career Objective

Looking for an internship program where I could learn under working professional to gain knowledge and improvement of my skills by giving some input to the organization.

2 Education

Sr no	class	Institution	board	score	passing year
1	TY	walchand coe sangli	SUK	8.15	on going
2	SY			8.1	2016-17
3	FY			8.15	2015-16
4	HSC	Jawahar Navodaya Vidyalaya Sindhudurg	CBSE	90.8%	2013-14
5	SSC			90.4%	2011-12

3 Projects

1. Spotter Snake

- E-yantra robotics competition by IITB. (**Aug 2017-Mar 2018**)
- Designing and building of a biomorphic robot that resembles a snake capable of traversing different terrains and can be used to detect rodents present in warehouse.

2. Braille watch

- Ignited Innovators of India by COE Pune and EATON. (**Nov 2017-Mar 2018**)
- The project is based on braille language used by blind people to read the text. We have used a microcontroller MSP430G2253 and RTC module to actuate the linear actuator which will display time in braille format when requested by user

3. Line Following Based Multipurpose System for Hospitals:

- India Innovation challenge design contest by Texas Instruments and IIM Bangalore. (**Quarter final ongoing**)
- Our idea is to make a clone of sweeper robot and delivery robot to perform multiple tasks semi-autonomously and autonomously.

4. Anti-pilferage and anti-adulteration system for fuel road tankers

- Smart India Hackathon 2017(**Stage to ongoing**)
- System addresses the problem of pilferage and adulteration of fuel tanks en-route from terminals to retail outlets by continuous monitoring of location, level, pressure and temperature parameters with cloud connectivity also ensuring emergency management.

5. **Waveform generator**

- TY B-Tech Mini project(**Jul 2017-Dec 2017**)
 - Designed a system to generate waveform using PWM and also using DAC module of LPC2148 microcontroller
-

4 **Workshops**

- Low Power Microcontroller on MSP430 organized by Electronics department, WCE Sangli.
 - Python organized by WLUG (Walchand Linux User Group).
 - Proteus professional by ELESA (ELectrinics Engineering Student's Association).
-