



ANKIT KUMAR BAHINIPATI



CONTACT

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OBJECTIVE

I seek challenging opportunities where I can fully use my skills for the success of the organization.



EDUCATION

Saraswati Shishu Vidya Mandir, Neelakantha Nagar

2016

Matriculation
84.00%

Khallikote Junior college

2016-2018

Intermediate
57.00%

National Institute of Science and Technology

2019-2023

Bachelor of Technology
8.75



SKILLS

Basic C programming
Java
HTML
CSS



PERSONAL DETAILS

Date of Birth : 23/06/2000



PROJECTS

Gas Leak Detector And Auto Exhaust...

- Detect Gas Leakage (like LPG leak, Butane leak, Methane leak) or any such petroleum based gaseous substance that can be detected using MQ5 Sensor.
- Setup an SMS based Alert Mechanism and send 3 SMS (3 alert messages) to 2 specified mobile numbers (input inside the arduino program)
- Produce a sound alarm upon gas leak and stop the alarm once gas leak is under control (gas presence in atmosphere is under normal range)
- Display status in an LCD using a 16×2 LCD module.
- A gas sensor is a device which detects the presence or concentration of gases in the atmosphere.
- Based on the concentration of the gas the sensor produces a corresponding potential difference by changing the resistance of the material inside the sensor, which can be measured as output voltage..

Smart shoe for blind person

- * A shoe that help visually impaired person in walking has been designed.
- * The shoe proposed here can be wear by visually impaired person while walking. The prototype was implemented with the minimum resources.
- * The circuitry was kept simple. To ensure fast and easy charging, wireless charging is added.
- * A 9V 600mah rechargeable battery is used to power the circuitry. The Shoe can be used for nearly 3-4 hour once the rechargeable battery gets fully charged.
- * The obstacle detection range can be set just by making a small change in the program, according to walking pattern and step size of visually impaired person.
- * GPS is also added for monitoring visually impaired person movement and to track his positon.
- * The proposed shoe is mainly suitable for lightly populated area such as an institute campus and daily use in home...