NUTAN MAHARASHTRA INSTITUTE OF ENGINEERING & TECHNOLOGY, TALEGAON DABHADE, 410507

Department of Computer Engineering

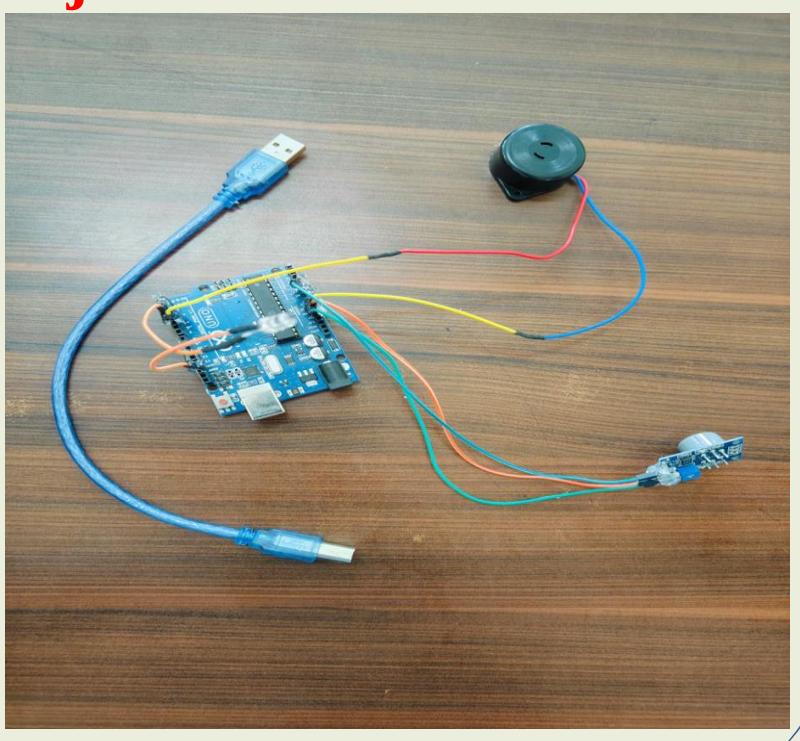
Project Title : "ALCOHOL DETECTOR USING ARDUINO"

Aim :To develop a reliable and user-friendly alcohol detector that accurately measures Blood Alcohol Content (BAC).

Objectives: 1. Monitor alcohol levels instantly

2. Activate alerts for high alcohol concentrations.

Project Model:



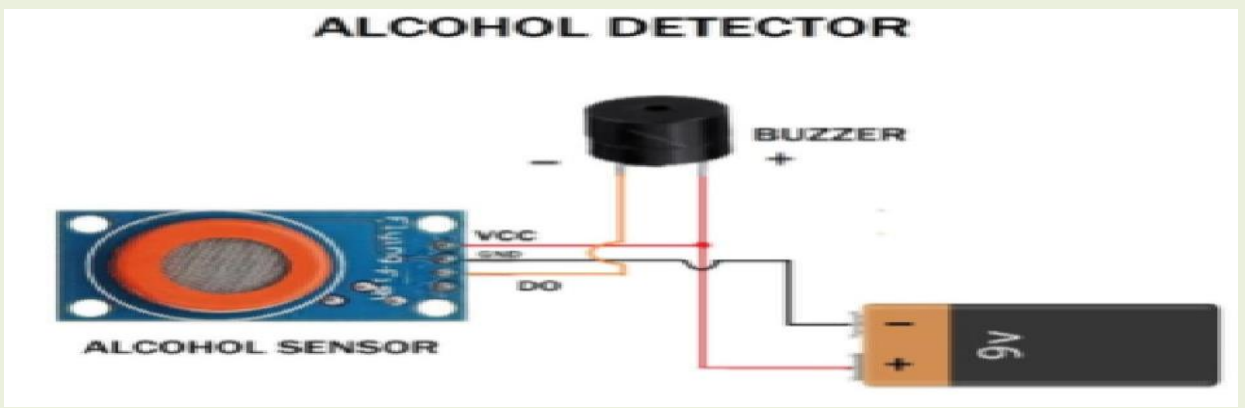
Project Application Need:

This project provides a hands-on experience with Arduino and sensor integration while raising awareness about alcohol detection and safety. It can be expanded with additional features like data logging or wireless alert.

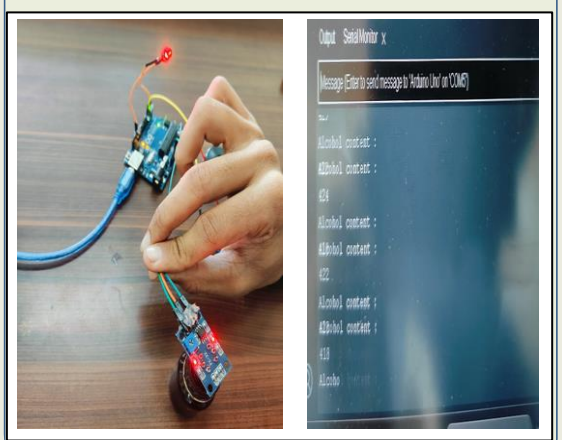
Design assumptions:

- The alcohol sensor provides reliable readings for alcohol vapor within the expected range. Calibration is assumed for accurate detection.
- The project will use a stable power source, either through USB or a battery, ensuring.
- The design assumes that the device will be compact and easy to carry for personal use.

Methodology:.



Results :



Conclusion & Future Scope:

In conclusion, these devices are essential tools for law enforcement, workplaces, and personal use. Development of more sensitive and compact sensors for improved accuracy and portability.

Cost incurred :

Total cost ₹ 930/-

PO1 K	PO2 A	PO3 D	PO4 I	PO5 M	PO6 E	PO7 E	PO8 T	PO9 T	PO10 O	PO11 M	PO12 I

Sr. No.	Name (Roll No) & Sign of Student	Guide Name & Sign
1	Sameer Ayub Shaikh (TE-A-53)	
2	Kshitij Umesh Pawar (TE-A-44)	
3	Parth Rajesh Dhumal (TE-A-16)	
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