Mohammad Zahid

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• https://github.com/MohammadZahid000

EDUCATION

Dr. D. Y. Patil Institute Of Technology , Pimpri Pune Jul'18-Jun'22

B.Tech in Electronic and telecomunication GPA: 8.24

SKILLS

Technical : HTML, C, C++, CORE JAVA, PYTHON

PROJECTS

ARDUINO BASED ALCOHOL DETECTION AND AUTOMATIC ENGINE LOCKING SYSTEM FOR DRUNKEN DRIVERS MAY'21-MAY'22

- Drunk driving is considered as one of the major reason of accidents in worldwide. Drivers under the influence of alcohol shows a clear failure of perception recognition and vehicle control. So, due to this problem accident occurs.
- The drivers who drink alcohol are not in an stable condition and so, rash driving occurs on highway which can be risky to the lives of the people on road, the driver inclusive.
- Engine overheating could be happened due to several things, usually the consequence of a low coolant level or coolant loss and this may be result to accident.

SOUND NAVIGATION AND RANGING (SONAR) USING ULTRA SONIC SENSOR APR'20-APR'21

- Target/object detection, recognition position, movement speed, etc. is easy when the object is near or easily visible. But, the same doesn't stand true especially when the object is far or not visible due to so many factors like weather conditions, day/night cycle, etc.
- Therefore, Radio Detection and Ranging (RADAR) was invented, which uses radio waves to determine the range, angle, or velocity of objects. But, it uses long time to detect, has short detection range, not target specific because of wide range, oversensitive, costly, etc.
- A cheaper, easy and effective alternate solution is to use ultrasonic sensor which use sound waves for detection and ranging

ACHIEVEMENTS

- Certificate of Core Java from Sunbeam Institute
- Certificate of Basic Python for machine learning
- Certificate of Global Talent Track
- Gold Medalist in College Level Cricket League