

# Security Based Real Solution To Sense & Detect Alcohol Consumsion Level For Drunken Driver Using A Smart Engine Locking System

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## ABSTRACT

We usually come across drink and driving cases where drunk drivers crash their cars under the influence of alcohol causing damage to property and life. So here we propose an innovative system to eliminate such cases. We are here suggesting an innovational and initial system which could resolve this serious offence by using alcohol detection sensor (MQ3), microcontroller, IOT device, LED. We have developed a real time model that can automatically lock the engine when a drunken driver tries to drive a car. Our proposed system would be constantly monitoring the driver breath by placing it on the driver wheel or somewhere the drivers breath can be constantly monitored by it. So if a driver is drunk and tries to drive the system detects alcohol presence in his/her breathe and locks the engine so that the vehicle fails to start.

*Key words: Alcohol detection sensor (MQ3), microcontroller, IOT device, LED, security system.*