

# Alert System for Driver's Drowsiness

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**Abstract:** *Monotonous driving for longer distances results in drowsiness and mental fatigue. Consumption of alcohol can also make the driver feel sleepy. Thus, drowsiness and drunken driving cause road accidents. This paper proposes a real-time detection of drivers' drowsiness and subsequently alerting them. The main aim of this proposed system is to reduce the number of accidents due to driver's Drowsiness and alcohol intake to increase transportation safety. The proposed system contains the use of the Raspberry Pi system and Pi camera module for drowsiness detection of the driver and alerting the driver using an alarm system.*

**Keywords:** Drowsiness Detection, Raspberry Pi, Pi camera, Alarm

## REFERENCES

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