Design of a Hybrid Based Autonomous Vehicle Using IoT

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Abstract: *The world seems to constantly move forward toward technological advancements in the current century. Automation is one among the technological upgrade that the human race introduced to this phase of advancement and we are closer than never in the domain of automated vehicles. Automobile manufacturers have realized the potential and have started to pound upon this opportunity by investing in their R&D Departments. This project is also one such motive towards the development of this field by adding our innovation to it. We have tried to incorporate a few of the features that we think would be a valuable addition to the conventional automated vehicle such as alcohol detection, GPS Tracker, Road Sensing and Temperature Sensors.*

Keywords: IoT, Health Monitoring, MQ-5(Gas Sensor), Ir Sensor, L29 Motor driver, GPS Module, ESP32,DHT 11, Push button

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