

# AUTOMATED CAR DASH BOARD

## Abstract:

The objective of this project is to monitor the vehicle parameters such as speed, traveled distance, engine oil and engine temperature.

Normal existing meter are Analog meter. The one draw back in this meter are we cannot know that exact fuel quantity in the tank but in this project the exact quantity is displayed in the digital form and also speed of the vehicle and how much distance the vehicle has been traveled like these information also displayed. We can also monitor the engine temperature.



## This project is designed with :

Float sensor

Proximity sensor

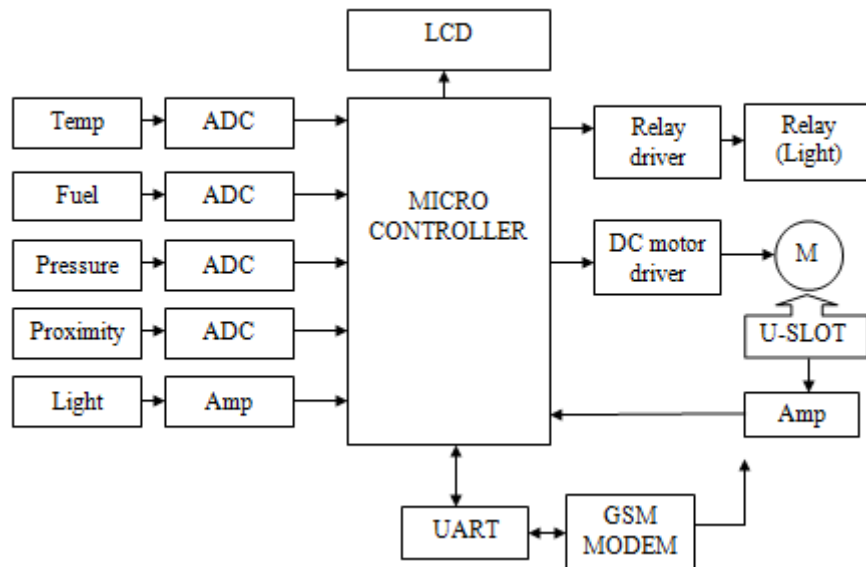
Temperature sensor

Micro controller

ADC

LCD display

Amplifier unit



## Conclusion and Future Scope:

1. Forecasts predict that one in 10 vehicles will be fully automated globally by 2030
  2. With new car technology like radars and infrared cameras, the car will be able to detect animals and automatically apply the brakes.
- Companies like Volvo, Audi, Ford and Mercedes-Benz are incorporating animal detection systems into their models for car safety.