

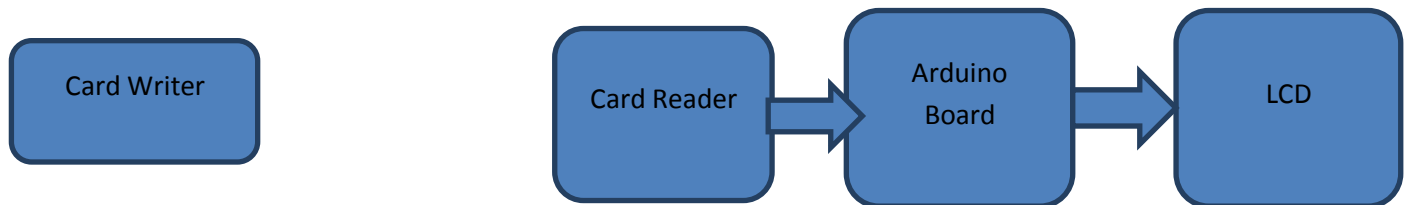
# Petrol rate modulation as per vehicle

## Abstract

Fuel plays vital role in the growing economy of the country. The rate of fuel is same for all kinds of customer. Why not to make this rate variable for the customer according to paying capacity of them. Now question arise that how paying capacity can be decided? So that can be decided as per the type of vehicle.

If we implement this system, fuel cost will be more for rich people and less for poor people. To implement this idea we have to develop system which must consist of one card reader which must have the information of that vehicle. Vehicle card must be differentiated as per type of vehicle. At the petrol pump we will implement system to read the card and identify the type of vehicle. Accordingly system will display the rate of fuel which previously saved as per the type of vehicle as per the governing authority rule.

Following is block diagram of system



In this project there are two sections. One is card writer. The section will program the card as per requirement. This part will be governed by authority. The second part is implemented at the fuel pump which consists of card reader, Arduino board and lcd. Card reader will read the card and send data to Arduino board. As per data the cost of fuel will be indicated on the LCD.