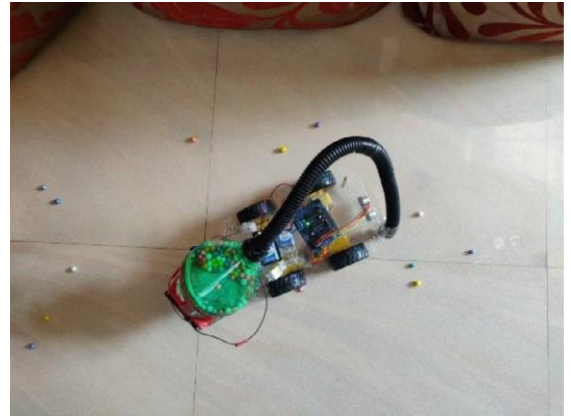


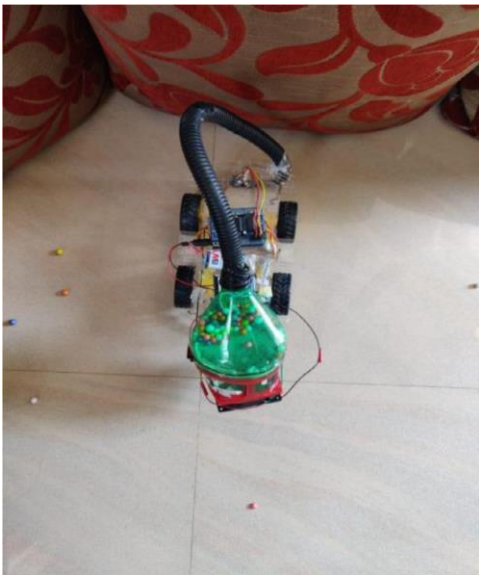
OUTCOME



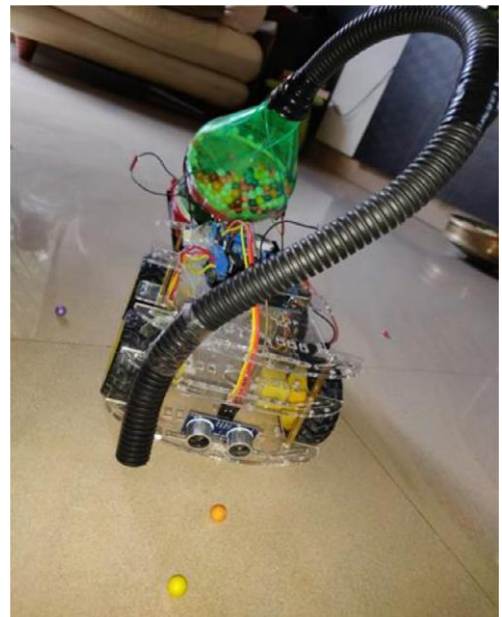
PROTOTYPE



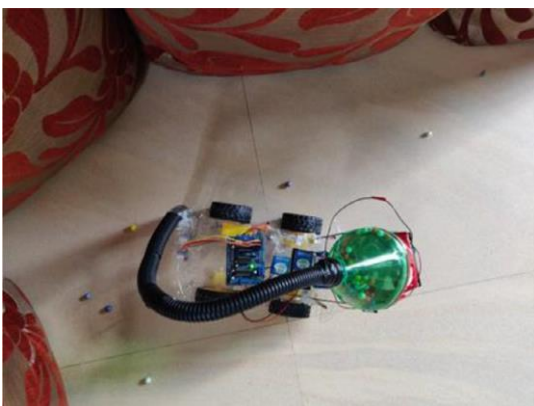
RIGHT TURN



FORWARD MOVEMENT



COLLECTING DUST



LEFT TURN

In this project, Smart Vacuum Cleaner has been implemented. It works on a pre-defined code inserted in Arduino UNO. Whenever the RC car encounters any obstacle, it turns to the side where the distance between the obstacle and the car is more. This project helps collect the dust using a vacuum cleaner made using a CPU fan and batteries without human intervention, thereby reducing the hazards to human health. This is a simple and cost-effective cleaner. However, using a detachable bag may be better as removing the dust becomes simpler.