

PREVENTION OF VEHICLE ACCIDENT BY ELECTROMAGNETIC REPULSION FORCE **AND BLUETOOTH CONTROLLED VEHICLE**

- By the study on electromagnetic force principle i.e., magnetic repulsion will be present between the same poles of different magnets.
- The distance between two vehicles can be maintained by electromagnetic repulsion force to avoid crashing.
- Ultrasonic sensors are used to measure the distance between vehicles.
- If the distance between vehicles reaches the limit, the repulsion force is applied to reduce the speed of the vehicle, maintain distance between vehicles and prevent from crashing.
- The Bluetooth controlled vehicle is used.