**AUTOMATIC AUTOMOBILE SPEED CONTROLLERS FOR SPEED BREAKERS**

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The main objective of this project is to reduce the death rate due to speed breakers by automatically reducing the speed of the vehicles when it nears the speed breakers and also achieving this in an economical way. Road transport ministry data reveals that Speed breakers are the cause of 30 crashes daily, killing at least nine people a day. So it is need of the hour to reduce such accidents due to speed breakers.

In this project, we are about to use ultrasonic sensors mounting it on the front fender to sense the speed breakers and the signal from the sensors reaches the control unit which is being programmed using arduino and this sends the signal (as per the program) to the relay unit which passes it to the actuators. Thus the actuators actuate the valve actuator which reduces the supply of the fuel into the engine cylinder resulting in the reduction of vehicle speed. By implementing this project in all the vehicles, the death rate due to speed breakers can be minimized and even could be brought to zero.