**ABSTRACT**

Blind curves are one of the leading causes of road accidents. Vehicles speeding along a curve are not aware of the presence of vehicles coming from the other direction. Here, a system is proposed to alert drivers going around a blind curve to the presence of oncoming vehicles. 2 poles are erected on either side of the curve, bearing cameras, LED warning lights and piezoelectric buzzers. They are connected to a Raspberry Pi. The live video feed from the cameras is processed to detect the presence of vehicles. If vehicles are approaching on both sides of the curve, the buzzers and lights are activated, thus alerting the drivers of the vehicle coming from the other side.