

A

Report on

ROAD CURVE ACCIDENT PREVENTION SYSTEM

A report submitted for the partial fulfillment of the requirements for Mini Project of

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

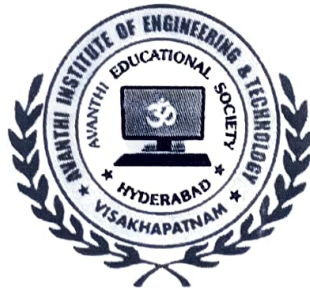
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

MINI PROJECT

(ROAD CURVE ACCIDENT PREVENTION SYSTEM)

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ROAD CURVE ACCIDENT PREVENTION SYSTEM

ABSTRACT

In curve roads the other road end of vehicle cannot be seen by driver. Our main aim is to reduce the accident by intimating the driver about the load carried on vehicle and also decelerating automatically when displacement sensor detects turns and bends. It is done by reducing fuel flow to the engine in accordance with load carried on the vehicle automatically. This gadget includes load sensors, displacement sensor, engine control unit and camera which can function at all environmental conditions with recording system. The load sensor calculates the load carried by the vehicle and the displacement sensor will calculate the distance of the road curve and engine control unit receives the information from both sensors and deaccelerate the vehicle accordingly.