A NEED OF INNOVATIVE PRACTICES IN AUTOMOTIVE INDUSTRY TO AVOID FATAL ACCIDENTS IN OVERTAKING THE VEHICLES WITHOUT SUFFICIENT FRONTAL VIEW

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ABSTRACT

Every year thousands of accidents take place in India and many underdeveloped countries due to traffic indiscipline. It is observed that most of the accidents take place when driver of the vehicle try to overtake from right side of the road wherever there is just small/narrow single road. The aims of the present article are: (1) To study the various reasons of the road accidents. (2) To understand the exact reasons for the accidents while overtaking the vehicle. (3) To coin any device to get frontal view of the vehicle coming from opposite side. This study considers only accidents in India. The accidents in developed countries are not considered by the researcher. A researcher has considered only those accidents which takes/took place due to less or no frontal view of the vehicle coming from the opposite side. The accidents due to other reasons are not considered. Only road accidents in overtaking the cars or other vehicles are only considered. The study observed that most of the accidents take place at night time due to rather darkness and more over less or no visibility. Headlights of the cars, now a days are installed by the manufacturers of the car companies of much advanced technology hence darkness is not a serious problem. But the main problem remains that the vehicle coming from the opposite side is not visible especially when a huge vehicle is just in front of the car driver going in the same direction. There are many devices which provide rear or frontal view of just 3to 4 feet but unfortunately there is no device which provides any frontal view to the car driver for the purpose of safe overtaking.Hence, the researcher has suggested an idea of a device that will satisfy this particular need.

KEY WORDS: Automotive, Industry, road, accident, reasons.