VEHICLE ACCIDENT DETECTION AND TRACKING SYSTEM

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ABSTRACT/SUMMARY

Our project aims to facilitate simple, effective and reliable technology to reduce the number of deaths due to vehicular accidents and break downs by detecting them and informing the nearby hospital ,police station and trusted contacts by sending them the exact location of the accident spot. Our system also alerts the people near the accident spot which in turn will help in reducing subsequent accidents.

In the five wars that independent India has witnessed, the number of people killed was 10,253. The annual figure alone for road crash deaths in India is fifteen times this number**.** The annual figure alone for road crash deaths in India is fifteen times this number**.**According to a survey by WHO, approximately 1.35 million people die each year as a result of road traffic crashes.

The main objective of this system is to reduce the human death rate in road accidents. The system gives quick assistance to the people who got involved in the accident. The project helps to detect the accident and alert the near-by help center by sending them exact the geographic location. It also alerts the surrounding to prevent subsequent accidents and provide immediate help from common people.

One of the critical risk factors is inadequate post-crash care. The care of injuries after a crash has occurred is extremely time-sensitive and delays of minutes can make the difference between life and death. Improving post-crash care requires ensuring access to timely pre-hospital care which can be provided with the help of our system.

In addition to the government policy of safety measures and awareness, government and non-government institutions should focus on upcoming ideas and the application of technology to take on the problem on a scale. The vehicle accident detection system for the vehicle can gain attention because the system can save life by giving medical treatment on time. This will help decrease the death rate due to a road accident and make India a more safe country.