**Abstract**

Today in urban areas accident is a big problem that causes loss of human life and property. During an accident sometimes a series of collision happens because the driver of the following car cannot recognize the mishap and take a right decision within a few moments. Traffic congestion on the other hand is a huge trouble which also takes place just after the accident. Vehicles in the accident area get congested, moreover without knowing about the accident, vehicles coming from the other roads make the situation knotty. This affects busy life schedule of human. So keeping those problems in mind, this paper proposes an approach that will be able to avoid series of collision and also can control traffic jam using vehicular Ad-Hoc network (VANETs), which is a network that uses car as mobile node and turns every car into a wireless router or node. Results are then analyzed on these parameters to find the suitable routing and MAC protocol for our approach in vehicular area networks.

Negotiating a hairpin bend in a hilly track is not an easy task but demands a lot of skill, actually it is an art to come out successfully. The drivers have to be agile at all times. His sensory organs had to work overtime for a quick response. This paper brings out a technical solution by placing an interface between the man and the machine to lessen the burden on the drivers. In the proposed system sensors, communication to form a synergic solution to this peril. Information exchange between vehicles regarding speed, distance, direction and vehicle type is captured by the system and the decision based on algorithms is passed on to the vehicle by visual display.