Abstract

In Vehicular Ad Hoc Network due to high dynamic the data dissemination makes a big issue. Delivery ratio getting low in the road junctions as the vehicles departure into different directions. Existing schemes such as Mobile cluster assisted routing for urban VANET has attempted to increase the delivery ratio in the junction area. But in a real time scenario, the vehicular density is very high at the junction region compared with highways. Our proposed system improves the data delivery ratio at the junction region even when the high vehicular density. This paper introduces a routing protocol called Cluster Vehicular Assisted Routing (CVAR) for VANET. The main motto of the proposal is to increase the performance of VANET in the junction region. To increase the data dissemination at the junction, the network is effectively spare into many clusters and eager to move along with the vehicles towards the destination. The moving nodes and cluster formation at junction are considerably improves the connection time and the delivery ratio.

References

Index Terms

Computer Science  Data Processings

Keywords

VANET  Vehicular density  Mobility  Cluster