

Abstract Details

Title: Efficient Message Delivery Technique in VANET for Rural and Urban Areas

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Abstract: VANET is a highly mobile adhoc network and extremely useful in road applications to avoid congestion etc. A critical use of VANET is to transfer any urgent warning message to the destination in case of accident or emergency. This requires highest prioritized message transfer to the destination. The existing routing protocols are not capable of communicating with the RSU (road side units). This work introduces the communication of OBU with RSU. The simulation using the NS2 and comparison against existing protocols shows the efficient performance of algorithm in rural as well as urban areas.

Keywords: VANET, REC, MREC, OBU, RSU.