CHAPTER 7

CONCLUSIONS

In this proposed work, a IAODV algorithm is proposed for secured routing in which routing is performed only on validated nodes. Private Key Generator is used for validating the nodes and for performing operations like key generation and distribution. The Private Key Generator will consider two validated nodes as its slave, so that if it leaves the network, one of its slave node will become the private key generator.

Secured Network using Promiscuous mode is used for examination of the bad conduct of nodes and to avoid malicious nodes to involve in communication. Multi Mode algorithm is proposed which is used for secure routing and finding the shortest path among the MANETs based on the available validated nodes in network.

To guarantee data transfer without any packet loss 2ACK method is used which reduces the packet drop ratio. It is proved that throughput is specifically affected by the packet drop in MANET. With the proposed techniques the routing process and data transfer rate is better and malicious activities in the MANET is also reduced.
The proposed method gives 81% of packet delivery ratio when compared to the existing method which gives 69% of packet delivery ratio. The complexity in key generation and distribution can be simplified in future.