OBJECTIVE OF THE RESEARCH

The work will present a new scheme based on stable and secured routing for wireless Ad hoc networks and the goal is able to address the following features:

I. **Evaluation and Analysis of existing ad hoc routing protocols**: The assessment and study of different types of routing protocols will help in better understanding of the basic characteristics and functioning of the protocols. Analysis of some of the routing protocols can be carried through simulation, using synthetically generated data sets. Further, there is various mobility models proposed, it would also be interesting to note the behavior of these protocols when subjected to simulation under these models.

II. **Design and development of the proposed routing protocol**: Based upon the knowledge so gleaned will act as the protector system that automatically detects malicious actions within a host or a network, and consequently generates an alarm to alert the security tools at a location if massage dropping or wormhole attacks are considered to be illegal on that host or network. When a node detect as malicious node, propose routing protocol will deactivate it in the network.