WORK PLAN AND METHODOLOGIES:

The proposed research methodology for the research is different types of literature review, Internet surfing, and Mobile Ad Hoc Routing Protocol to achieve the objectives of my research which stated earlier in objective document.

Action research is a period of inquiry, which describes, interprets and explains social situations while executing a change of intervention aimed at improvement and involvement. It is problem-focused, context specific and future-orientated. Action research is a group activity with an explicit value basis and is founded on a partnership between action researchers and participants, all of whom are involved in the change process. The participatory process is educative and empowering, involving a dynamic approach in which problem-identification, planning, action and evaluation are inter-linked. Knowledge may be advanced through reflection and research, and qualitative and quantitative research methods may be employed to collect data. Different types of knowledge may be produced by action research, including practical and propositional. Theory may be generated and refined and its general application explored through cycles of the action research process.

A careful study of the definitions and viewpoints we have presented in this section should help to highlight some of the unique features of action research. The key concepts include a better understanding, participation, improvement, reform, problem finding, problem solving, a step-by-step process, modification, and theory building. These words also perhaps demonstrate the reasons for the popularity of action research as a mode of study for healthcare professionals.

Simulation:-
System Simulator broadly known as NS2 is just an occasion driven reenactment apparatus that has demonstrated valuable in examining the dynamic way of correspondence systems. Reenactment of wired and in addition remote system capacities and conventions (e.g., steering calculations, TCP, UDP) should be possible utilizing NS2. A reenactment study was completed to assess the execution of MANET steering conventions.

For example: - DSDV, AODV and DSR taking into account the measurements throughput, parcel conveyance proportion and normal end-to-end delay with NS2.

**WORK PLAN**

1: Define aim of Research work on the basis of Analysis.
2: To give fundamental insight into routing algorithms.
3: Deciding parameters which affect the overall performance.
4: Choosing appropriate algorithms or combination of it for improving the performance.
5: Selection of platform for executing above algorithm Like NS2 and other simulators.
6: Testing & Interpretation of results.
7: Summary and Final draft of thesis.