3. Technical programme/conduct of research/major equipment /Lab work facilities needed:

The research will start with comprehensive literature review. The equipment needed will be a computer with Simulation Software MATLAB. The research will be carried out by simulation the desired system on the computer. The research will be carried out with the following objectives:

(i) Optimal deployment of sensor nodes.

(ii) To develop and analyze soft computing based routing algorithm for mobile wireless sensor network.

(iii) To develop and analyze reliable energy efficient multipath routing in mobile wireless sensor networks.

Collaboration with other Universities/Institutes

The research work will be carried out at PTU - REGIONAL CENTRE, Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib