TEAM IDEAS

- Wireless Sensor Network (WSN) include a microcontroller for processing the system, communication system for inter and intra node communication.

- The System collected,processed measured data from sensors,and directed through Zigbee gateway to the web server by means of WiMAX network to monitor quality of water from large distance in real time.

- It continuously senses the values of pH,temp,turbidity, and ORP and the resulting values are displayed to the LCD,PC or mobile in real time.

- The measured data in each of the reservoir shall be sent to the central server through the respective transceivers either directly or indirectly through other sensor or repeater nodes.

- Belief Rule Based (BRB) system and is also compared with standard values. If the acquired value is above the threshold value automated warning SMS alert will be sent to the agent.

- Real-time data can be collected from the active site and analysed at a remote server.