REAL TIME WATER QUALITY MANAGEMENT SYSTEM

PROBLEM STATEMENT

- ❖ Existing water treatments cannot detect the dissolved contaminants such as chemicals.
- ❖ Using traditional approaches of monitoring water quality in the water management system.
- ❖ Chlorinating is usually used to protect micro-organisms. However, drinking too much chlorinated water leads to Cancer and other diseases.
- ❖ Thus, Chlorine is considered as another contaminant as well as pathogen and viruses.
- ❖ Moreover, there is no single instrument that can detect all the possible water parameters such as pH, temperature and conductivity.
- ❖ Thus, our model will help curb water borne diseases by developing a real-time online water quality monitoring system.
- ❖ With this model we can detect all the possible water quality parameters and availability of water in water tank.