## PROBLEM STATEMENT:

Water is a finite resource that is necessary for agriculture, industry and the- survival of all living things on the planet, including humans.

Many people are unaware of the need of drinking adequate amounts of water on a daily basis.

Many unregulated methods waste more water.

Poor water allocation, inefficient consumption, lack of competent and integrated water management are all factors that contribute to this problem.

Therefore, efficient use and water monitoring are potential constraint for home or office water management system.

## PROPOSED SYSTEM:

The goals of concept implementation are as follows:

• Using accessible sensors at a distant location, monitor water parameters such as pH, dissolved oxygen, turbidity, conductivity, and so on.

• To collect data from various sensor nodes and transfer it through wireless channel to the base station.

•For quality control, to simulate and assess quality parameters.

• When the water quality observed does not meet the established standards, send an SMS to an authorised person on a regular basis so that relevant steps can be performed.

## DIAGRAM: