21st century is century of pollution, global warming, insecurity and vulnerable health factors. Water pollution is the

major problem in front of world today, which is nothing but the contamination of water bodies. Water pollution occurs

when contaminants are discharged directly or indirectly into water bodies. Water pollution affects plants and creatures

living in these bodies of water. Also human health is affected by polluted water.

Water Pollution is a major global problem which requires ongoing valuation and modification of water resource

guiding principle at the levels of international down to individual wells. It has been surveyed that water pollution is the

leading cause of deaths and diseases worldwide. The records show that more than 14,000 people die daily worldwide.

In many developing countries, dirty or contaminated water is being used for drinking without any proper former treatment.

One of the reasons for this happening is the unawareness of public and administration and the lack of water quality monitoring system which

creates serious health issues. Also natural phenomena such as volcanoes, algae tints, rainstorms, and earthquakes also

change the quality and ecological status of water.

As water is the most important factor for all living organisms it is very important to protect it. And water quality

monitoring is one of the first steps required in the rational development and management of water resources.

Thus in this paper we describe the design that helps to monitor the

quality of water with the help of information sensed by the sensors immersed in water, so as to keep the water resource

within a standard described for domestic usage and to be able to take necessary actions to restore the health of the

degraded water body. Using different sensors, this system can collect various parameters from water, such as

temperature, pH, oxygen density, turbidity and so on.