

# IoT BASED STREET WATER SUPPLY SYSTEM

## ABSTRACT

Water is the most precious and valuable for all the human beings but, now a days water supply systems are facing problem in real time operation this is because less amount of water in resources due to less rain fall. Population is increasing day by day with increase in population urban residential areas have increased because of this reasons water has become a crucial problem which affects the problem of water distribution, water conservation, water consumption and also the quality of water.so, there is need of proper monitoring and controlling system. In this project, we are focusing on real time monitoring of water supply in IOT platform. Water supply can be done with continuous water level monitoring so the proper distribution can be done with available amount of water in tanks. Internet of things is nothing but the network of physical objects embedded with electronics, sensors, software, and network connectivity. We are going to use ultrasonic sensors for monitoring the water level in sump. Sensor Data monitored and can be viewed on blynk server using cloud. and controlling the different street water distribution by blynk server. Motivation of this project is the smart city concept as different cities are working on this project.

## BLOCK DIAGRAM

