



I'm not robot



**I am not robot!**

This system consists of some sensors which are used for Water-quality monitoring to alert us to current, ongoing, and emerging problems; to determine compliance with drinking water standards, and to protect other beneficial uses. The system is a hybrid of subsystems: a Water Level Checker, a Water Quality Monitoring System and an Automatic Switch control system. The developed system having Arduino Mega and NodeMCU target boards are interfaced with several sensors successfully. An efficient algorithm is developed in real-time, to track water quality. Globally, water resources play a vital role regarding environment and health. It provides real-time monitoring, enhances accuracy, and reduces A Water Quality Surveillance and Response System (SRS) provides a systematic framework for enhancing distribution system monitoring activities to detect emerging. The examples outlined in this report demonstrate that robust real-time monitoring systems can open new avenues for water management and scientific inquiry by scaling-up data. In this paper, we present the design of IOT based water quality monitoring system that monitor the quality of water in real time. The Arduino controller used will access the sensor data. The system successfully provided real-time monitoring of parameters such as temperature, pH, and conductivity, improving the efficiency and accuracy of water quality assessment. The system proposed in this paper is an efficient, inexpensive IoT solution for real-time water quality monitoring. Therefore, This paper presents an IoT-based water level checker. In a study by Zhang et al. The Water level checker consists of Ultrasonic sensors. This system uses different sensors for monitoring the water quality by determining pH, turbidity, conductivity and temperature. With the use of IoT, the collected data is analyzed and the pollution of water can be investigated by a stringent mechanism. ( ), an IoT-based water quality monitoring system was developed using wireless sensor networks. To identify the water quality effects and provide an automated water quality monitoring and testing system that can support in guaranteeing the safety of the water around the world. This paper presented an efficient IoT-based water quality system with the capability of forecasting through utilizing the power of IoT and machine learning. Accurate forecasting of water quality is the key to enhancing water management. The suggested To provide guidance on effective and high-quality monitoring, this report focuses on the details of water monitoring, including issues such as monitoring system design, site. The proposed IoT-based water quality monitoring system offers numerous advantages over traditional methods. Additionally, the developed system Conclusion.