REAL TIME RIVER WATER QUALITY MONITORING AND CONTROL SYSTEM

Literature survey

SI No	Author Name	Paper Name	Year	Basic concept
01	Mr. A. P. Roger Rozario, R. Surya	**Review of Water Quality Monitoring using Internet of Things(IoT)**	2022	The findings show that the system is capable of reading physiochemical parameters and processing, transmitting, and displaying the data, and is shown to work within the accuracy ranges that they were designed for.
02	Muhammad Farhan Johan, S. Abdullah, N. S. Mohamad Hadis, Saodah Omar, A. Zanal	**Development and Implementation of Water Quality Assessment Monitoring (WQAM) System using the Internet of Things (IoT) in Water Environment**	2021	This system would benefit the authorities to take advantage of using the WQAM system with the aid of the IoT that is less time consuming, less cost and more reliable in real time data reading.
03	S. Srivastava	**Study of IoT Based Smart Water Quality Monitoring System**	2021	This literature survey work has been conducted in the field of smart water quality parameter monitoring systems to reduce the time required in the traditional approach of water quality monitoring, and for real time monitoring
04	A. Enmon, M. Prabhakar	**IoT-based Automated Pond Water Quality Monitoring System for Aquaculture Farms**	2021	The proposed Internet of Things (IoT) based System in this paper provides real-time notifications to the culturist and helps in preventing the pond parameters from fluctuating to a dangerous level that affects the mortality rate of the organism.

05	Cheng Zhang, Jian Wu, Jian Cheng Liu	**Water quality monitoring system based on Internet of Things**	2020	The water environment quality was measured, and water quality problems were pre-warned to prevent further spread of pollution, improve the Scientificity and efficiency of water quality monitoring and management, and provide relevant departments with response strategies and management measures.
06	M. Chitra, D. Sadhishkumar, R. Aravindh, M. Murali, R. Vaittilingame	**IoT based Water Flood Detection and Early Warning System**	2020	Water flood is the severe and dangerous issue in public. Water flood occurs due to many factors such as heavy rain which causes critical situations. Hence, it is important to investigate water flood in different water bodies like river, sea, ocean etc
07	H. Supriyono, Asmanditya Hibatullah, K.Harismah	**Turbidity Monitoring of Freshwater Using Internet of Things Platform**	2020	The test results showed that the monitoring system was able to monitor the turbidity level constantly on various conditions, i.e. fresh water without any substance addition and when sedimentation substances were gradually added into the water body