Literature Survey

S.No	Title	Author name	Year of Publication	Objective Pros & Cons
1	A survey on monitoring water quality	Mompoloi Pule, Abid Yahya, Joseph Chuma	2018	A study on monitoring water quality using wireless sensor networks. Pros: Wireless sensor networks offer a promising infrastructure for municipal water quality monitoring and surveillance Cons: These networks have resource limitations in terms of processing power, memory, communication bandwidth, and energy/power
2	Real-Time Water Quality Monitoring System	Yashwanth Gowda, Vishali C, Sumalatha S.J and Spoorth G.B	2020	The main goal of this paper to build a Sensor-based Water Quality Monitoring System. Pros: It does not have limitations in power & memory Cons: The cost is very high

3	IoT-Based Real-time River Water Quality Monitoring System	Mohammadd Salah Uddin Chowduy, Talha Bin Emran, Subhasih Ghosh, Abhijit Pathak, Mohd. Manjur Alam, Nurul Absar, Karl Andersson, Mohammad Shahadat Hossain	2019	The main goal of this paper is to build an IoT Based Real-time River Water Quality Monitoring System. Pros: Real-time monitoring of water quality by using IoT integrated with Big Data Analytics will immensely help people to become conscious of using contaminated water as well to stop polluting the water. Cons: Due to the budget limitation, we only focus on measuring the quality of river water parameters.
4	Development and Implementation of Water Quality Assessment Monitoring (WQAM) System using the Internet of Things (IoT) in the Water Environment	Muhammad Farhan Johan, Samihah Abdullah, Nor Shahanim Mohamad Hadis, Saodah Omar, Asmalia	2021	The main goal of this paper is to develop and implement water quality monitoring a system using IoT in water environment Pros: Compared to other types of WQM system, this proposed system is less complicated when it comes to assembling it Cons: The system is limited to the source of internet network to access

		Zanal		
5	Survey On: "Real Time Water Quality Monitoring System Using IoT And Machine Learning"	Mayuri Malunjkar Sadhana Mare Monika Nagawade Snehal Patil Prof. D. R. Patil	2019	The main goal of this paper to build a Real-time water quality monitoring systems using IoT and Machine Learning Pros: A low cost, less complex water quality monitoring system is proposed. Cons: These networks have resource limitations in terms of processing power, memory, communication bandwidth and energy/power
6	Internet of things enabled water monitoring system	Thinagaran Perumal , Md Nasir Sulaiman , C.Y.Leong	2015	The main goal of this paper is to enable water monitoring system using IoT Pros: This proposed system is less complicated Cons: The system is limited to the source of internet network to access