LITERATURE SURVEY

Project Name: Real Time River Water monitoring and Control System

S.NO.	Title	Author Name	Publication and year	Abstract	Method
1.	Internet of things enabled real time water quality monitoring system	S.Geetha ,S. Gouthami	10.1186/s40713-017-0005-y (2017). Year- 2017	There is need for effective monitoring, evaluation and control of water quality in different areas.	Decision Trees are considered for representing classifiers. A decision tree is a classifier expressed as a recursive partition of the instance space.
2	A survey of smart water quality monitoring system	Jianhua D, Guoyin W, Huyong Y, Ji X, Xuerui Z "	SciPollut Res 22(7): 4894906 (2015).	. The smart water quality monitoring, regarded as the future water quality monitoring technology, catalyzes progress in the capabilities of data collection, communication, data analysis, and early warning. In this article, we survey the literature till 2014 on the enabling technologies for the Smart Water Quality Monitoring System. We explore three major subsystems, namely the data collection subsystem, the data transmission subsystem	All other nodes have only one incoming edge. A node with outgoing edges is called an internal or test node. Decision tree generates the rule for the classification of the generated data set.
3	IOT BASED WATER QUALITY MONITORING SYSTEM.	JAYTI BHATT, JIGNESH PATOLIYA	ISSN:2347-6982(2016)	Pollution of water is one of the main threats in recent times as drinking water is getting contaminated and polluted. The polluted water can cause various diseases to humans and animals, which in turn affects the life cycle of the ecosystem. If water pollution is detected in an early stage, suitable measures can be taken and critical situations can be avoided.	Scholarly articles

4	The Real Time Water Quality Monitoring System based on IoT Platform	Mr. Swapnil Katole, Prof. Yogesh Bhute	ISSN: 23218159, volume:5 (2017)	In this work, the water quality monitoring system has been designed to report the end-users about the water physiochemical factors such as Potential of Hydrogen (PH), Temperature, flow and Electrical Conductivity. With the help of these parameters, water contaminants can be identified	The decision tree generally represents the flow chart like a tree structure that classifies instances by sorting them based on the feature (attribute) value [12].