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| Date | 3 september2022 | | |
| TeamID | PNT2022TMID36352 | |  |
|  | |
| ProjectName | REAL -TIME RIVER WATER QUALITY MONITORING AND | | |
|  | | |
| CONTROL SYSTEM |  | |
|  |
| MaximumMarks | 2 marks | | |

Literature Survey

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| --- | --- | --- | --- |
| AUTHOR | DESCRIPTION | PAPER TITLE | YEAR |
| V.Anitha | This paper proposes a cost effective and efficient IOT based smart water quality monitoring  system | Wireless sensor based potable water quality monitoring and analysis using IOT | 2018 |
| Dr.R.Alageswaran | This system consists of turbidity,PH and temperature sensor of water quality testing system | Efficient cloud based real time water quality monitoring system using  IOT | 2018 |
| M.N.Barbde | In this paper ,a low cost real time water quality monitoring system in remote rivers, lakes, costal area | Continuous water quality monitoring system for water resources at remote places | 2015 |
| K.A.Unnikrishna | It detects water temperature ,dissolved oxygen and Ph level in  pre programmed time intervel | Wireless sensor network for river water quality monitoring in india | 2016 |
| P.Bishwajit | This paper proposes a sensor based water quality monitoring system used to identify the physical and chemical parameter of water | Sensor based water quality monitoring system | 2018 |
| Dr.Saunthala | In this paper we aim to overcome and fulfil the area of real time water monitoring system over  IOT | Real time water quality monitoring system based on IOT | 2018 |
| D.Najiyanaj | This paper proposes the continuously senses the value of ph , temperature, and ORP | An IOT based real time monitoring of water quality system | 2016 |
| Dr.Geetha | WQM is a cost effective and efficient system designed to monitor drinking water quality with the help of IOT | IOT based real time water quality monitoring system using smart sensor | 2020 |
| D.Nielandre | The main objective of this paper is to monitor the water quality in real time by smart sensor like temperature and level sensor | Design of smart sensor for real time water quality monitoring | 2014 |

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| --- | --- | --- | --- |
| AUTHOR | DESCRIPTION | PAPER TITLE | YEAR |
| Dr .Prasannakumar | Proposed an sensor can be used to monitored Turbidity ,Ph levels and future Improvement  monitoring in Oxygen  ,COD,BOD,  Amonia levels | Real-Time Water  Quality Monitoring  System for  Vrishabhavathi River of  Bengaluru | 2019 |
| S.Geetha  S. Gouthami | Proposed on the Water  Monitor in Power Efficient,Alert to a remote user in low Cost and Less Complex | Internet of things enabled real time water quality monitoring system | 2017 |
| DarkoBabunski  AtanaskoTuneski | Proposed on Protection of the natural Water resources is continues  monitoring is Completely independent real-time  measuring in industrial  SCADA | SCADA System for Real-  Time Measuring and  Evaluations of River  Water Quality | 2016 |
| BrindaDas  P.C.Jain | Proposed on officials can Keep track of the levels of pollution occurring in the water bodies and immediate warnings in Zigbee module transmit in public | Real-Time Water  Quality Monitoring System Using Internet  of Things | 2017 |

LITERATURE SURVEY