**TEAM ID: PNT2022TMID14744**

LITERATURE SURVEY:

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| **TITLE** | **AUTHOR** | **OBJECTIVE** |
| Real-time water quality monitoring through Internet of Things and ANOVA-based analysis: a case study on river Krishna | Prasad M Pujar Harish H | In this paper it has emphasized on the IOT based water quality monitoring system by the statistical analysis where one way and two way analysis of variance |
| Sensor based water quality monitoring system | Paul B | Causes and effects of water pollution is presented, and comprehensive review of different methods of water quality monitoring and an efficient IoT based method for water quality monitoring has  been discussed. |
| The real time monitoring of water quality in IoT environment | Vijayakumar N Ramya R | The design and development of the real time monitoring of  the water quality parameters in IoT environment is presented using water quality parameter sensors, Raspberry PI B+ core controller and an IoT module (USR  WIFI 232) |

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| Design and Development of Real- Time Water Quality Monitoring System | Meghana M Kiran Kumar B M Divya Kiran Ravikant Verma | This paper presents a system that is developed to measure the parameters of water such as turbidity dissolved solvents PH and temperature. The sensors are interfaced |
|  |  | with Arduino UNO and |
|  |  | raspberry Pi for data |
|  |  | processing and transmission. This data is transmitted through Wi- Fi to the remote place |
| The use of artificial | Maier H R Dandy | Analysis gives that |
| neural networks for the | G C | ANN models appear to |
| prediction of water |  | be a useful tool for |
| quality parameters |  | forecasting salinity in |
|  |  | rivers |