TEAM ID : PNT2022TMID03606

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| LITERATURE PAPER  TITLE | AUTHOR | OBJECTIVE |
| IOT based real time river water quality  monitoring system(August  19,2019) | Elsevier B.V. | The main objective of this paper is to access data by the remote monitoring and IOT technology.If the acquired value is above the threshold value automated warning SMS alert will send to the agent |
| Design and  Development of Real-  Time Water Quality  Monitoring System  (October 18,2019) | 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 |
| Ultrasonic as a green chemistry for bacterial and algal control in drinking water treatment source (20  September 2020) | Nourhan F.Ali  Zenat M.kamel  S.Z.Wahba | The treatment process is done using ultrasonic waves at a frequency of 20,40 and 60 KHz at different time intervals namely 15,30,45 and 60  minutes |
| Improved  Cyanobacteria Removal from Harmful Algae Blooms by Two-Cycle,  Low-Frequency, Low-  Density, and Short-  Duration Ultrasonic  Radiation(29 August  2020) | Haocai Huang  Gang Wu  Chaowu Sheng  Wu Jiannan  Danhua Li  Hangzhou Wang | This paper has a proposed cyanobacteria removal method based on two applications of low frequency, low density and short duration and ultra sonic radiation for calculating the effectiveness of ultrasonic radiation is done by algae removal rate/ultrasonic dosage |
| Real-time water quality monitoring through Internet of Things  and ANOVA-based  analysis: a case study on river Krishna (3,December 2019) | Prasad M . Pujar  Harish H  Raviraj . M  Uma kant . P | 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 ( ANOVA ) |