

National Conference and Exhibition on Rural Innovations

CLOUD BASED IOT SYSTEM FOR INDUSTRIAL WASTE WATER MAGANMENT

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Abstract

Waste water treatment is the most important process for reducing pollutants in waste water to levels that nature can cope with. At many Sewages treatment plants, industrial wastes cause more difficulties in the treatment process than any other single problem where the plant operators must deal with. The plants should not be implemented to handle the wastes and the accelerated deterioration of sewage treatment plant structures. The proposed system monitors the power of hydrogen (pH) and temperature parameters from waste water in let which will be treated in Wastewater treatment plant and avoid impermissible industrial wastewater which the plant cannot deal. Monitoring the waste water outlet from industry. Monitoring the water quality using pH sensor. Observe the impurity level in waste water. Sending regular data to user by IoT webpage. The industrial waste water can be sensed by sensor like pH sensor, Turbidity sensor, flow sensor. These sensors data can be updated to user using IoT module. This is needed to change the path of the water to the industrial waste water treatment plant that can done using valve when abnormal condition found in the wastage water.

Keywords—Ph Sensors, Turbidity Sensors, Internet of Things, Industrial Internet of Things IOT(IIOT), Flow Sensor, Industrial Waste Water and Cloud based IOT.



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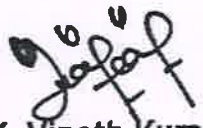
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