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Smart Water Quality Based on IoT

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Abstract: *Water pollution is one of the biggest fears for the green globalization. In order to insure the safe force of the drinking water the quality needs to be examiner in real time. In this paper we present a design and development of a low cost system for real time monitoring of the water quality in IOT (internet of effects). The system correspond of several detectors is used to measuring physical and chemical parameters of the water. The parameters similar as temperature, PH, turbidity, inflow detector of the water can be measured. The measured values from the detectors can be reused by the core regulator. The Arduino model can be used as a core regulator. Eventually, the detector data can be viewed on internet using WI-FI system.*

Keywords: pH Sensor, Turbidity Sensor, Temperature Sensor, Flow Sensor, Ardurino Model, WI-FI Module

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