Water Impurity Monitoring System

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Abstract*: Nowadays water is the is the most valuable for all the human beings drinking water utilities faces challenges in real-time operation. These challenges occurred because of growing population, limited water resources, ageing infrastructure etc. Hence there is a need of better methodologies for monitoring the water quality. To reduce the water related diseases and prevent water population World health Organization (WHO) has also stated this crisis as "the largest mass poisoning of a population in history". The main goal of this paper to build a Sensor- based Water Quality Monitoring System rated by pinholes with diameters of zero.3 mm and 0.2 mm. We've got used totally different sensors to style a tool to calculate the water flow, temperature and cloudiness etc. during this project, we've got counseled the utilization of a wise interface device to watch leakages and check water temperature and cloudiness from water pipelines.*

Keywords: Flow Sensor, Blink IOT, Node MCU ESP 8266, Conductivity Sensor, Turbidity Sensor

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