PROJECT TOPIC

**WATER IMPURITY ALERT SYSTEM**

**Abstract:**

One of the main reasons why people get health problem is impure water in overhead water tank. It will not be cleaned regularly which leads to impurity of water present in tank. Hence it is the less concerned threat in any house. As that water is used for all basic purpose, people get affected by impure water easily. Therefore we intend to send an alert whenever the water in overhead tank is impure using turbidity sensor. Turbidity sensors measure the amount of light that is scattered by the suspended solids in water. As the amount of total suspended solids in water increases, the water’s turbidity level increases. In order to stop the water level to the level of sensing turbidity sensor we are intended to build automatic motor level controller with ultrasonic sensor which controls the water pump. Using turbidity sensor if impurities present in water increase an alert will be sent either using blynk app or thingspeak website. From this project, we tend to reduce many health issues by regular cleaning of overhead tank.

**BATCH NO. 07**

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