

# Arduino Based Water Level Indicator

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**Abstract:** *We live in a world which is moving at such a fast pace that everything if automated will help us to keep our lives going. The project on water level Indicator will help us to know when the water in our tanks is either full or empty and automatically switch on and off the pump as and when necessary. By using the basic principle of ultrasonic sensors, i.e. the ECHO method, we calculate the time of the ultrasonic waves travelling to and for and after a few calculations the answer obtained will be the water level in the tank. By using the concept, the water pump is switched on or off automatically when the water level falls below a certain level.*

**Keywords:** Indicator, Arduino water level