Water Meter
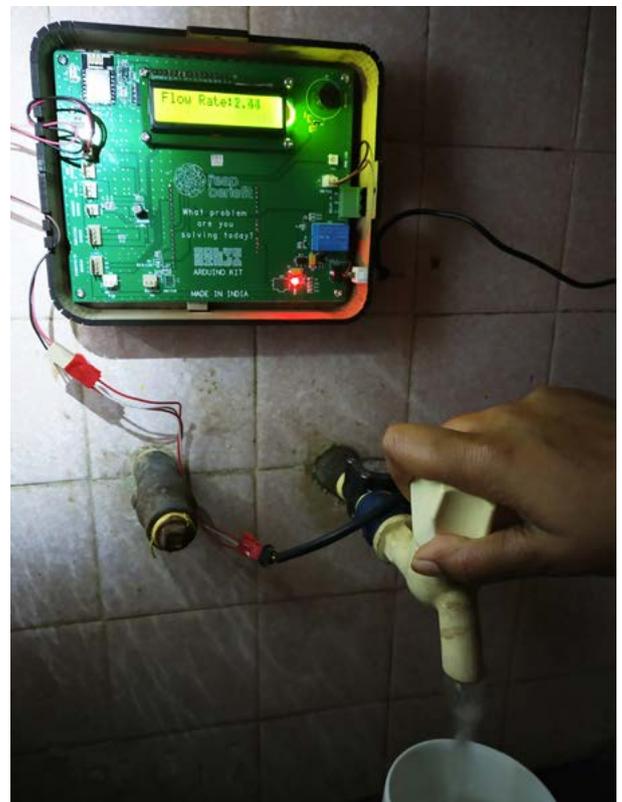
Reap Benefit, which works to empower youngsters and believes in building next generation problem solvers, Solve Ninjas, has developed a plug-n-play Water Meter, to measure the water consumption from our usage points, specifically Taps we use to Wash hands, vessels.

We all have water meters which do not share information easily, unless you go to the tank and read the meter.

With this system, we provide a WiFi module which reads the flow of water, uploads and prints the usage data on a LCD screen, enabling you to see the usage of water in real time.

This Do It Yourself (DIY) Learning product is based on the idea of simplifying solutions and the problem in such a way that normal civilians can contribute efforts to solving local problems in and around water usage in our everyday life.

The water meter provides suggestive data, and once the data is available, it becomes really easy to take properly planned steps to implement ideas to conserve data.

HOW IT WORKS

It uses a Water Flow sensor(YFS201) to measure the consumption of Water. It also helps to track the total consumption of Water everyday. It uses normal Wi-Fi connectivity to upload the collected data & the best part is that the system can collect and upload the data even at 2G or 3G internet speeds.

BENEFITS

1. World's First DIY Water Meter.

2. Initiates you to know the consumption pattern of Water usage and triggers behaviour change to Conserve Water.

3. Bringing people together while empowering them to solve the excess water usage problem in households.

4. The first step is to have data or information of Water usage so that one can make evaluations accordingly and this water meter helps to collect the data.

Find out more about using the water meter along with the Solve Ninja Techno Kit here.