

Proposed Design

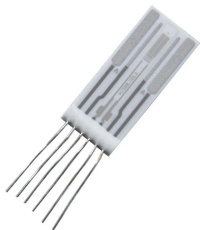
Smart water
metering system

B Sathiya Naraayanan

Turbidity
sensor



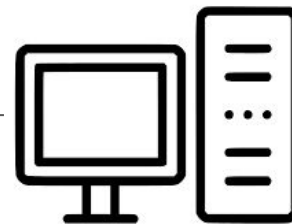
Flow
Sensor



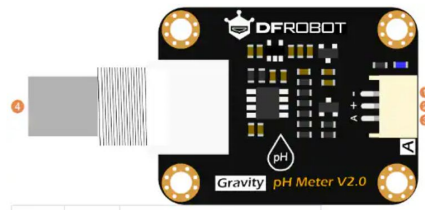
Conductivity sensor



Zigbee



Server



PH sensor

Proposed Design

- Ph: https://www.mouser.in/new/dfrobot/dfrobot-gravity-analog-ph-sensor-module/?srsltid=AfmBOorfvaJqswodwFR8tJ0xUSZLehim7-wnZhLcxzb_fG0y8X7UdVP9
- Conductivity: <https://www.mouser.in/ProductDetail/Innovative-Sensor-Technology/LFS1K0.1305.6W.B.010-6?qs=tlSG%2FOw5FFhl4e1AFMccaw%3D%3D&srsltid=AfmBOoo7zdJ1FD4grsiXkDLOoPHNcijL7K5GBTt6IXDkNv1UOS8brnJP>
- Turbidity: <https://www.mouser.in/ProductDetail/Amphenol-Advanced-Sensors/TSD-10?qs=cmBPKiaX3MylKvR%252BTrNAhw%3D%3D>
- Zigbee: <https://www.mouser.in/ProductDetail/Digi/XB24CDMUIT-001?qs=XmMZR4xR0DDvmrWWeyVnsQ%3D%3D>
- Pi Pico: <https://www.mouser.in/new/raspberry-pi/raspberry-pi-pico-boards/>