**IOT BASED PUMP CONTROL SYSTEM USING MOBILE APP**

The project is base upon IOT technology to control the water pump remotely. This technology is booming across the world and dominating many aspects in tech field.

Working:

The input is given through mobile app and web app to switch on/off the pump remotely. As IOT technology we Monitor various data like Pump status , temp , flow also.

Hardware Used:

1. Wifi module Esp32/8266
2. Relay
3. Temp sensor
4. Flow sensor
5. Power supply
6. Connecting wires



Advantages:

1. Energy saving
2. Water saving
3. Capital saving
4. Time saving

Application:

1. Remotely control
2. Home automation
3. Smart homes
4. Smart agriculture
5. Smart energy management and monitoring
6. Weather forecasting