

Mobile Operated Water Pump

The uncontrolled use of water leads to wastage of water and it causes water scarcity. Water automation is a process which is an automatic system to use water. The basic idea of water automation is to ensure the proper use of water and reduce the human effort. It is used for different purposes such as irrigation in the agricultural land, water pump controlling, water usage monitoring, etc. in different places like household, agricultural land, industry, hotel etc. Researchers have implemented several water automation projects using android application considering water pump controller, water level detection and control of water leakage. This project presented a review of water automation system for water pump controller using android application. This project can help the farmers who are in remote areas where there might be no cellular network availability to switch on and off the Pump remotely without going near pump using Bluetooth enabled Android Phone. Previously farmer has to go to farm in order to switch on or off the pump which was difficult because of difficult terrain and weather conditions or during night time visit to pump may be wild animals out there or frequent power cut problems which eliminates frequently travelling to pump.

