**Automatic Water metering and plant watering machine system**

Components for the plant watering machine:

1) soil moisture sensor (2 pins)

2) sensitivity regulator (4 pins)

3) Water Pump

4) 1-channel Relay

5) Jumper wire

6) Arduino uno

7) Battery

8) pipe

Connections: -

1) connect the soil sensor with sensitivity regulator using jumper wire.

2) for sensitivity regulator: VCC to 5V

GND to ground

DO to pin 8

3) connect IN of relay to pin 13, VCC to 5v and GND to ground.

4) connect PUMP to relay and battery.