

IOT PLANT MONITORING AND IRRIGATION SYSTEM





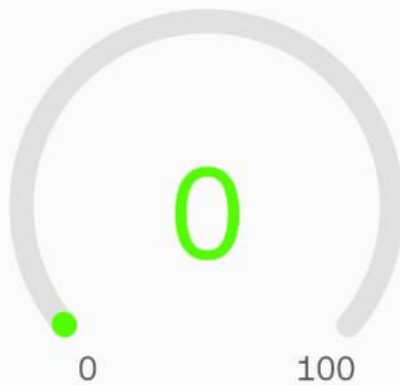


IoT BASED SOIL MONITORIN...

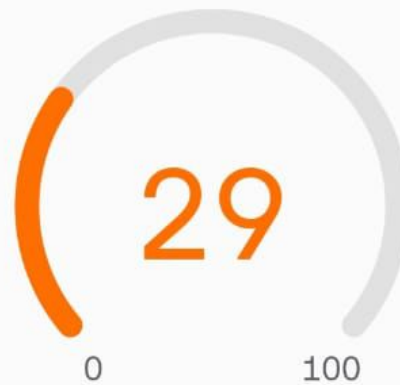
Tab 1

Tab 2

SOIL MOISTURE



TEMPERATURE



HUMIDITY



Pump



Pump Tumer

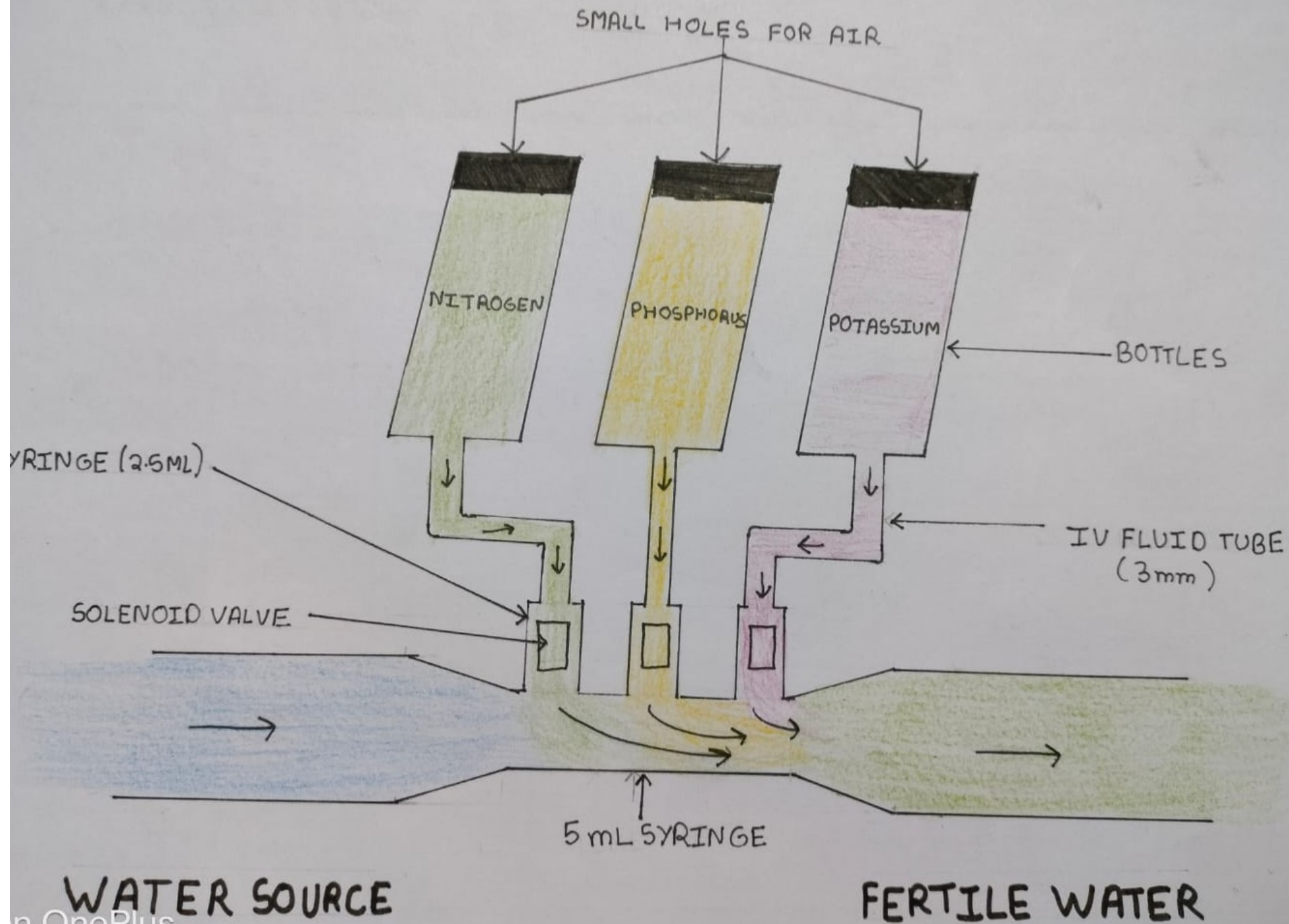


LIGHT

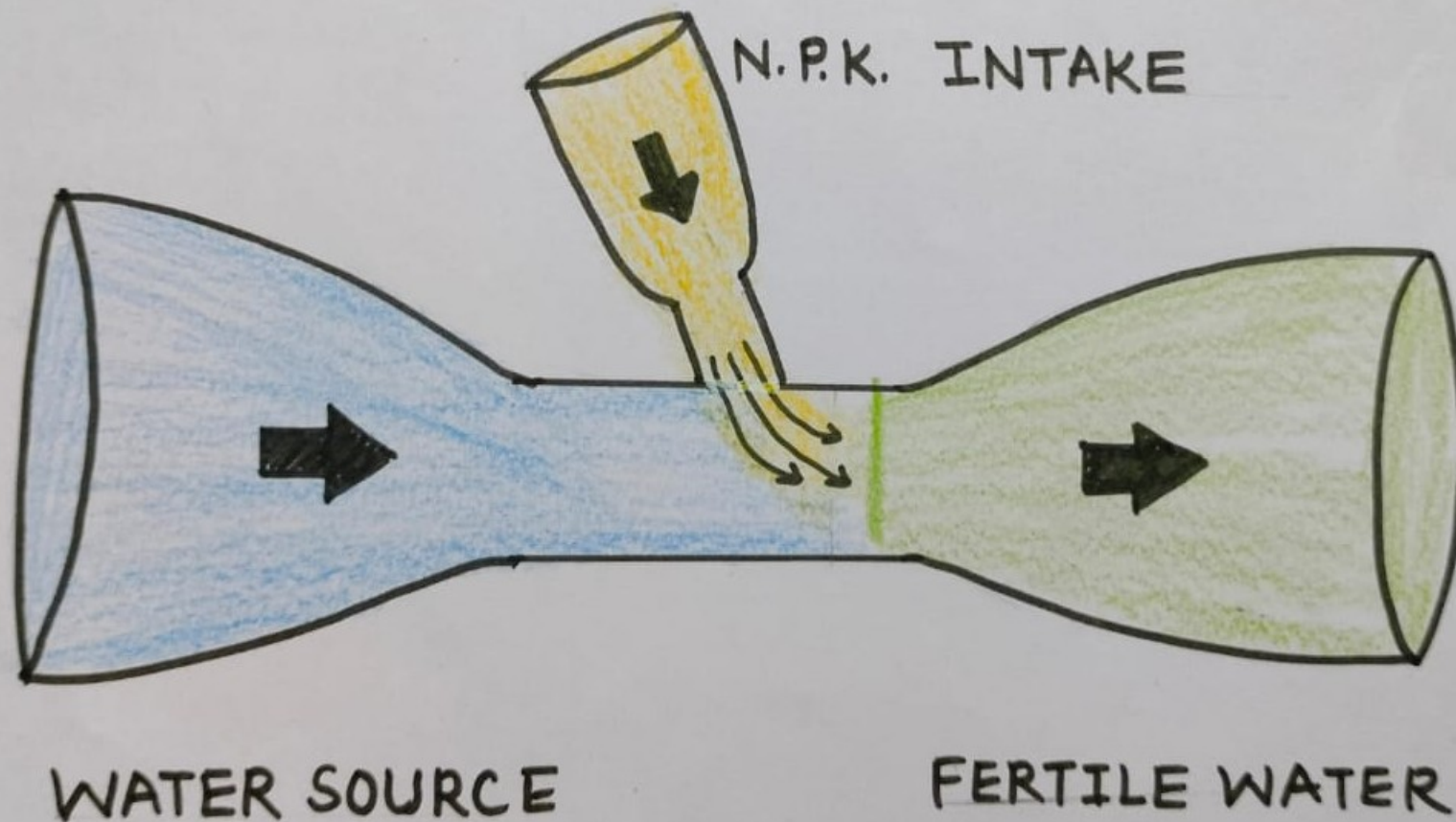


LIGHT





VENTURY EFFECT



MATERIALS

(ELECTRICAL)

1. NODE MCU ESP-8266
2. ZERO PCB BOARD/BREAD BOARD
3. DC TO DC CONVERTER
4. 5V RELAY MODULE
5. 7805 TRANSISTOR
6. BC547 TRANSISTOR
7. TIP 122 MOSFET
8. 2.2K RESISTOR
9. MOISTURE SENSOR
10. DHT 11

MATERIALS

(NON - ELECTRICAL)

1. BOTTLES
2. STAND
3. MIST SPRAY BOTTLES
4. IV FLUID TUBE (INFUSION SET)
5. 3mm IV TUBE
6. 2.5 mL SYRINGE
7. 5 mL SYRINGE

