

IRRIGATION BASED AGRICULTURAL FIELD MONITORING SYSTEM

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The circuit performance of dynamic GPRS model and arduino has reviewed in this work. This has played a major role on the irrigation system several sensors like LM35, Temperature Humidity, soil moisture, water Level sensors are used to sense and indicate the levels of the agricultural field there should be ON/OFF through the switch alarm situated here to indicate the level of water. Whether it is low or high all the sensors data are updated on the webpage.16*2 LCD display, LM35 temperature, sensors, soil, humidity, water, GPRS, Alarm and motor are used in this performance. Agricultural monitoring system GSM 800 is used here for the data transformation two applications are used get underscore pHb. And another is Wireless, Sensor motor by continuously monitoring the sensor data and pushing the data to the server with the motor ON/OFF condition it is ON, the motor is ON if it OFF the motor is OFF.