



We Make You Shine

St. JOSEPH'S INSTITUTE OF TECHNOLOGY

St. Joseph's Group of Institutions

Jeppiaar Educational Trust

OMR, Chennai - 119.



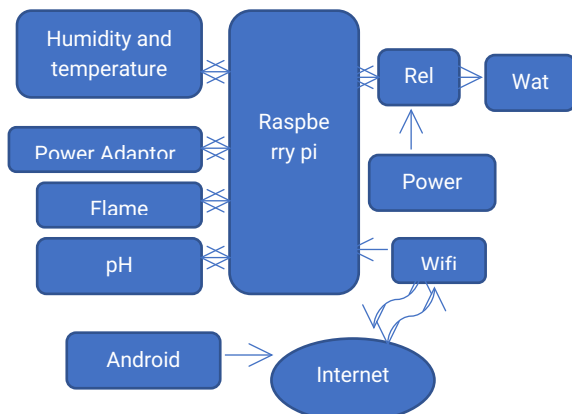
Smart Farming Using Block Chain

1. NAME (REG.NO), YEAR , DEPARTMENT
2. NAME (REG.NO), YEAR , DEPARTMENT
3. NAME (REG.NO), YEAR , DEPARTMENT
4. NAME (REG.NO), YEAR , DEPARTMENT

Abstract—In this era of digitization and automation, the life of human beings is getting simpler as almost everything is automatic, replacing the old manual systems. Nowadays humans have made internet an integral part of their everyday life without which they are helpless. Internet of things (iot) provides a platform that allows devices to connect, sensed and controlled remotely across a network infrastructure. In this paper we focus on home automation using smart phone and computer. The iot devices controls and monitors the electronic electrical and the mechanical systems used in various types of buildings. The devices connected to the cloud server are controlled by a single admin which facilitate a number of users to which a number of sensor and control nodes are connected. The admin can access and control all the nodes connected to each user but a single user can control only the nodes to which the user itself is connected. This whole system using Internet of Things (iot) will allow mobile devices and computers to remotely control all the functions and features of home appliances from anywhere around the world using the internet connection. The system designed is economical and can be expanded as it allows connection and controlling of a number of different devices.

Index Terms—Internet of thing (IoT), home automation, cloud computing, WIFI Module (ESP8266), Arduino.

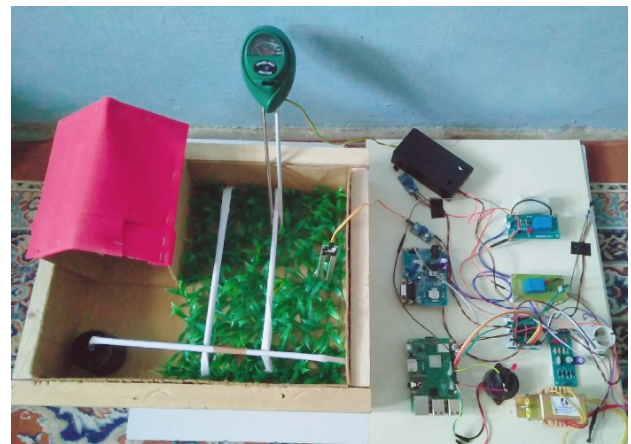
BLOCK DIAGRAM :



COMPONENTS REQUIRED :

- 1.
- 2.
- 3.
- 4.
- 5.

EXPERIMENTAL SETUP:



OUTPUT RESULT:

