

LITERATURE SURVEY

1.Smart Agriculture Monitoring and Control System Using IOT Abhilash Lad , Sumit Zarkhande, Krishna Raichurkar , Sumitra Nandre , Dr. Priya Charles Dept. of Electronics and Tele-Communication Engineering

- ✓ The IoT is a network of interconnected devices that can transmit and receive data over the internet and carry out tasks without human involvement.
- ✓ Agriculture provides a wealth of data analysis parameters, resulting in increased crop yields.
- ✓ The use of IoT devices in smart farming aids in the modernization of information and communication.
- ✓ For better crop growth moisture, mineral ,light and other factors can be assumed.

2. IoT Based Smart Agriculture Monitoring System Harika Pendyala, Ganesh Kumar Rodda, Anooja Mamidi, Madhavi Vangala Sathyam Bonala, Keerti Kumar Korlapati

- ✓ This system starts to check the humidity and moisture level.
- ✓ By using IoT system the smart agriculture is powered by NodeMCU.
- ✓ The temperature level based on type of crops cultivated can also be adjusted.

3.IOT based Smart Agriculture Monitoring and Irrigation System Swaraj C M PG Student Department of MCA PES College of Engineering Mandya, Karnataka, India K M Sowmyashree Assistant Professor Department of MCA PES College of Engineering Mandya, Karnataka, India

- ✓ Distant sensor structures are used for watching the residence conditions
- ✓ smaller scope controllers are used to control and motorize the field. To see distantly the conditions as picture and video, far off cameras have been utilized.
- ✓ IOT improvement can decrease the expense and update the efficiency of standard creating for farmers.

4. SMART e-AGRICULTURE MONITORING BASED ON ARDUINO USING IOT Prof. Caroline El Fiorenza, Sushmita Sharma, Soumya Ranjan, Shashank

- ✓ The Concepts of Internet of Things (IOT) are applied to a number of applications ranging from home automation to IOT, where connecting.
- ✓ physical things, from anywhere critical parameters is enhanced with email and short messaging system for alert system.
- ✓ A GSM (Global System for Mobile communication) modem is used to send SMS which displays the present status of the environmental parameter.
- ✓ Controlling these parameters are through any remote device or internet services and the operations are performed by interfacing sensors, Wi-Fi, camera with microcontroller.