

# LITERATURE SURVEY

S.NO	PAPER TITLE/YEAR	AUTHOR NAME	OBJECTIVES	CONCLUSION
1.	Smart Farming management system using IOT-2021  Reference <a href="#">HERE</a>	Garigipati Vijay Kumar,Pallikonda Jashuva	Due to the usage of this system,adequate water is pumped and rain is also utilized efficiently using Node MCU,Sensors like SoilMoisture sensor,Humidity and Temperature Sensor and All the information are send to the farmers mobile using wifi technology	In this paper, we can proposed a technology IoT is used to read and analyze the temperature, humidity values, soil moisture level and the rain condition and DC motor is controlled using NodeMCU module. All these values are sent to the mobile phone using Wi-Fi technology. Due to the usage of this system, adequate water is pumped and rain is also utilized efficiently. This system is very much helpful to farmers as they need to regularly pump water andcheck the status of each crop, from anywhere in the world.
2.	IoT Based Intelligent Agriculture Field Monitoring System-2018  Reference <a href="#">HERE</a>	Md Ashifuddin Mondal,Zeenat Rehena	Arduino board controls the high voltage farming equipments without human intervention.Also the system sends the environmental parameters values to the cloud from the field in real time through wireless communication in every certain time interval.	Different level of soil moisture and temperature value were sensed and based on predefined threshold value of soil moisture and temperature.In the absence of human being in the agriculture field, this system provides continuous field monitoring and triggers the appropriate events according to the requirement. It reduces the human effort and cost of farming to a certain extent. These values can be used for future analysis and can be considered for more parameters to be monitored like biotic factors such as fungi, monera etc. for better growth of the crop.

3.	<p>Survey on Smart Agriculture Using IOT-2019</p> <p>Reference <a href="#">HERE</a></p>	Shweta A M, Dr V. Nagaveni	<p>Smart agriculture reduces wastage of water, fertilizers and increases the crop yield.using Internet of Things (IoT), Agriculture, Precision, Raspberry Pi, Temperature Sensor, Smart Farming, Soil Moisture Sensor.</p>	<p>The main advantage of this paper is that, all the functions to be performed by the Fan and Sprinkler to control the climatic conditions like temperature, relative humidity and soil moisture levels in the Greenhouse environment are all automated and it does not require any human intervention. efficient growth of crops that are either necessary to feed the population or necessary for the economic growth of any country.</p>
4.	<p>Smart water managaement with IOT platform-2019</p> <p>Reference <a href="#">HERE</a></p>	Markus taumverger, Carlos Alberto Kamienski	<p>The is paper presents the SWAMP agriculture ,platform and system deployments that highlights the replicability is the major concern for Iot applications it includes a performance analyses of FIWARE components used in the platform . Internet of things-smart Water managements-precision irrigation- linked data.</p>	<p>the SWAMP project develops IoT-based methods for smart water management in precision irrigation, and pilots them in Italy, Spain, and Brazil. This paper introduced the SWAMP architecture, pilots and deployment scenarios for the four pilots using FIWARE as the underlying IoT platform. A performance analysis of key FIWARE components personalized for each SWAMP pilot scenario.</p>