Date	03 October 2022
Team ID	PN2022TMD41919
Project name	Smart Farmer-IoT enabled Smart Farming Application
Marks	4 Marks

S.NO	TITLE	AUTHOR AND YEAR OF PUBLICATIONS	METHODOLOGY USED	LIMITATIONS
1.	Mobile Integrated Smart Irrigation Management and Monitoring System Using IOT	S. Vaishali et.al, 08 February [2018]	In order to control and monitor the irrigation process, smart and automated irrigation system is developed, Implemented and tested. There is a need for automated irrigation system because it is simple and easy to install. This system uses values ON and OFF to control water motor. Python programming language is been used for automation purpose.	In this paper they implemented the automatic ON and OFF to control water motor but the farmer doesn't know about the current state of the motor.
2.	IoT based Intelligent irrigation support system for smart farming applications	Neha Kailash Nawandar Vishal Satpute [2019]	This paper presents an irrigation management system with sensor data fetching and compression, compressed data transfer, data processing, decision making and action invoke capabilities. A network of sensors implanted for the plants and three basic blocks form the whole system, compress the sensed data, send it to the FTP server which reconstructs it back into original form. A 2-layer Neural Network that utilizes the 4 inputs is used here for decision making. The proposed system monitors the test object 24×7 and it is capable to monitor a farm for its water and other	The output is notified to user via email which might cause unwanted power and storage usage which in turn might reduce battery life. The use of neural networks for decision making increases the system complexity and the data flow process might get difficult to understand.

			requirements. It has compression and decision making capabilities which makes it useful for home gardens, greenhouses, etc.	
3.	Iot based smart Agriculture monitoring system	Yash Sharma, visudeep tyagi, Priyanka data July 2020	In this paper IOT is the main objective to ensure the information is sent to the right people at the right time. To save power resources and time it is often used in rightway in the right manner..	This technique is used to sense all the environmental parameters at the right time. This asset allows the farmer to boost the cultivation during the plant's need.
4.	Monitoring and Control Systems in Agriculture Using Intelligent Sensor Techniques	Marco Grossi 19 Dec 2018	In the system, the plant grows around the year adjusting and controlling the surrounding environment. Parameters monitor: temperature, CO2 (carbon dioxide), humidity, light intensity, intelligence sensor by artificially	provide many benefits to the grower such as full control of nutrient concentration and supply and prevention of many soil-borne diseases and infections to plant, thus resulting in increased plant yield with significant returns, high quality, and more efficient use of available natural resources
5.	IoT based Smart Farming System	Akshay Atole Amar Biradar Apurva Asmar Nikhil Kothawade April-2017	IoT plays a vital role in smart farming applications. To ensure a power saving method it is often used in rightway	.Improved data collection driving farming efficiency. The agricultural sector is in a race today.