LITERATURE SURVEY

S.NO	PAPER	TECHNIQUES	RESULT	ISSUES
1	A Model for smart Agriculture Using IOT	ZigBee with Wings	A complete real-time and historical environment information, efficient management and of resources	The technique can achieve convenient wireless connection only within a short-distance.
2	Automated irrigation system using a wireless sensor network and GPRS Module	WSUs AND a WIU BASED ON microcontroller, ZigBee and GPRS technologies	Feasible and cost effective for optimizing water resources for agricultural production	The investment in electric power supply is expensive
3	An Effective Method for crop monitoring using wireless sensor Network	WSN with GSM technology	Can collect data from location previously inaccessible on a Micro-measurement scale	Provides only precision values that is not accurate and is not cost efficient
4	Automatic control of agricultural pumps Based on soil moisture sensing	For testing NI MULTISM simulation software is used . DIAC and TRIAC technique.	Achieves proper water management, saves human power and enhances crop or productivity	Does not support several water levels and uses old techniques.
5	Real-time automation and monitoring system	Bus concept, ZigBee protocols based on IEEE	Monitoring and control of	Not energy saving and data fusion ,

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	for modernized agriculture	802.15.4,Hybrid network	greenhouse parameter in precision agriculture	directions are left for future research.
6	Smart Drip Irrigation System using Raspberry pi and Arduino	Raspberry pi, Arduino microcontrollers, Xbee modules.	Automates and regulates the watering without any manual intervention. Sending the emails to the system.	Failure of any particular part or device is not to be tested manually
7	Multidisciplinary Model for smart Agriculture using Internet -of-Things (IOT), Sensors, Cloud – computing, Mobile-computing & Big-Data analysis	(IOT) , Sensors, Cloud-computing ,Mobile computing ,Big-Data analysis.	Beneficial for increase in aricultural production and for cost control	Different soil nutrient sensors are not used