LITERATURE SURVEY

S.NO	TITLE/YEAR	AUTHOR'S	TECHNIQUES	RESULT
1.	Smart Intrusion Detection System for Crop Protection by using Arduino/2020	Srushti Yadahall Aditi Parmar Prof. Amol Deshpande	The system involves the use of an Arduino Uno board Various sensors and cameras are interfaced with the board. The PIR sensors are capable of detecting motion within a range of 10 meters.	The proposed work which efficiently detects any movement of intruders.This idea of protecting crops is easy to implement and can be implemented without causing harm to any animals or humans
2	Iot based smart crop-field monitoring and Automation irrigation system/2018	R. Nageswar Rao, Prof.B.sridhar	A Raspberry pi and cloud based IOT system to monitoring the real time data come from the crop field.	Implementation of such a system in the field can definitely help to improve the field of the crops and overall production
3.	Iot based monitoring system in Smart agriculture/2017	Prathibha S R1, Anupama Hongal , Jyothi M P	This paper includes monitoring temperature and humidity in agricultural field through sensors using CC3200 single chip. Camera is interfaced with CC3200 to capture images and send that pictures through MMS to farmers mobile using Wi-Fi	The main advantage of this paper is cheaper in cost and consumes less power.
4.	Iot based crop protection system Against birds and wild animal Attacks/2020	P.Navaneetha1, R.Ramiya Devi, S.Vennila, P.Manikandan, Dr.S.Saravanan	This is a microcontroller based system using PIC family microcontroller. This system uses a motion sensor to detect wild animals approaching near the field.	The system in which sound is played and by using LDR it detects light intensity, if it is less, it will focus the light. So that wild animals will not enter into the farm. It will run away.
5.	Iot based SMART crop protection and irrigation system/2020	Ipseeta nanda, chadalvada sahithi,suman maloji,vinod kumar shukla ,medepalli sath	Pir sensor go high on detecting motion within a range of 10 meters,the camera will be turned ON which first captures an image and then start onboard as well as cloud,simultaneously a message shall be produced mechanically to the recorded mobile number utilizing a SIM900A	This fundamental objective is to provide a fantastic answer to this problem,so that losses incurred will be minimized and farmers will have an accurate crop yield