LITERATURE SURVEY

SI.NO	TITLE	YEAR& AUTHOR	METHODOLOGIES	MERITS	DEMERITS
1	Smart crop protection system from living objects and fireusing Arduino	Year:2019 Author: Mr.Reddy	This system uses a motion sensor to detect wild animals.	It provides a practicable system to the farmers for ensuring complete safety of their farmlands from any attacks or trespassing activities	It requiresan unlimited or continuous Internet connection to be successful.
2	Smart crop protection system from animals	Year:2019 Author: Mr. Tejas Khare, Mrs. Damini Kalra.	It uses PIR sensorfor motion detection.	Because of this system farmers are not requiredto stay on field on 24 hours.	It cannot ensure for alltime protection.
3	Smart crop protection system from animalsand fire using Arduino	Year:2020 Author: Dr. Willson, Mr.R.Padula	It uses Arduino Unobased system using microcontroller.	Complete safety of crops from animals and thus protecting thefarmer's loss.	

4	IOT based smart crop monitoring in farmland.	Year:2020 Author : Mr.Naveen Balaji, Mrs.Nandhini, Mrs.S.Mithra.	The farm conditionis sent to the farmer through GSM technology.	It allows farmers to maximize yields using minimum resources such as water,fertilizer, seeds.	Cost, Reliability, Increased channel maintenance.
5	Development of IoT based Smart Security and monitoring device for agriculture.	Year:2021 Author: Mrs.Rakshiha Rajeev,Mr. Rithvik Chandra.	Ability to analyzedata and transmit information over network to the remote location.	It is helpful to extend the security system to prevent rodent in grain stores.	It can be further improve for identify humans andmammals.
6	Smart crop protection frombirds and wild animalsusing IoT.	Year:2022 Author: Ms.Sanjana, Mr.Harish.	The message is sendto the former if the bird or animals is detected.	It involves acquiring informationabout the behavior of animals in their natural habitate.	It is not effective allthe time.