Literature Survey

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S.No	TITLE	PROPOSED WORK	TOOLS USED/ ALGORITHM	TECHNOLOGY	RESULT
1	IOT based crop protection system aginst birds and wild animal attacks	when the animal enter into the farm area. The PIR and ultrasonic sensor detect the presence of the animal and send an input signal to thecontroller. Immediately, the APR board will be on,and the sound is played to divert the animal.	• PIR sensor • micro controller • GPS module • LCD display	Aurdino,GPS technology	• Low power consumption • CMOS has immunity to noise than other
2	IOT based smart crop protection system	This project is helpful for the farmer to protect his farm from animals and unknown person near to his farm.	• Arduino Uno • NodeMcu • Flame sensor • PIR sensor • SD card module • Speaker	Smart AGRO Using ARDUINO and GSM	• Hardware requirment is more • Need to build fence

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3	Protection of Crops from Wild Animals Using Intelligent Surveillance System	The proposed system uses a Raspberry Pi board which forms the main heart of the system; the different sensors and camera are interfaced to the puppet.	• Camera • temperature sensor • cloud storage • PIR sensor	Real time monitoring system	• reduces risk of financial losses • reduce risk of market influences • require more knowledge
4	Application of IOT and machine learning in crop protection against animal intrusion	The crop protection from animal intrusion is done using the proposed model using IoT and Artificial Intelligence technologies	• PIR camera • Buzzer • LED light	Rassperry pi4 technology	• procesed automation • reduced wastage and cost management • reqires continous internet connection

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5	Implementation of IIoT based smart crop protection	IIOT tendencies are often utilized in smart farming to boost the standard of agriculture . Farming the pillar of supports our country to the general commercial development. But our productivity is extremely low as associated to world standards . People from rural areas drift to an urban area for other worthwhile trades and they can't concentrat	• Relay • Buzzer • ARM cortex • Flash LED	• ARM cortex-A technology	• prevention of loss • high protection and yield
6	Crop Protection by an alert Based System using Deep Learning Concept	This section describes the security analysis that was performed before designing and implementing the protocols presented herein. The design of any secure architecture requires exact knowledge of what the architecture in question has to be able to defend against crop protection.	• Object sensor • Buzzer • Trained data set	• arduino micro controller • DL classification	• effeciency to agricultural space,create a virtuous cycle that make food producte • system offers little power and

THANK YOU