

Proposed solution for smart  
crop protection system for  
agriculture

Problem statement

Heavy rainfall may cause damage and losses to the crops as well as field crop and it depends on the severity and frequency of the flooding

Idea /Solution  
description

An IOT based smart security system , detects rodents and crop risks and sends out real time notifications based on data from PIR sensor after analysis and processing

Novelty

This work proposes IOT based crop field protection system that monitors and protect the crop fields from animal intrusions

Social impact

Crop production provides the food for human beings ,fodder for animals and fiber for cloths

Business model

Crop models are a formal way to present quantitative knowledge about how a crop grows in interaction with its environment

Scalability of  
solution

Scale up digitization in agricultural value chains and improve internet connectivity in rural areas