

PROBLEM STATEMENT

IOT BASED SMART CROP PROTECTION SYSTEM FOR AGRICULTURE

- FARMERS NEEDS TO GET ALERT WHERE ANIMALS ENTER INTO FIELD SO THAT THE FARMERS CAN PROTECT THEIR CROPS.
- IT IS NOT POSSIBLE TO STAY 24 HOURS IN THE FARM TO GUARD THE CROPS.
- THEREFORE TO SOLVE ALL THESE PROBLEMS CROP PROTECTION SYSTEMS ARE NEEDED.
- THE IOT BASED SMART CROP PROTECTION SYSTEM FOR AGRICULTURE ENSURES SAFETY OF HUMANS AND ANIMALS.
- IT INVOLVES LOW COST MAINTANANCE AND LOWER DEPENDENCY ON MAN POWER.
- THESE SIMPLE SOLUTIONS WILL SUIT THE FARMERS VERY WELL AND HELPS THEM EASILY PROTECT THEIR FRAM.

REFERENCE :

1.IIoT based smart crop protection and irrigation system

By Ipseeta Nanda, Chadalavada Sahithi, Medepalli Swath, Suman Maloji, Vinod Kumar Shukla

2.IoT-Based Smart Crop Field Monitoring and Protection System

From Heavy Rainfall Utilizing Raspberry Pi by G.Dhanalakshmi,
M.Anil & P.Madhavi

3.Smart Crop Protection System from Animals and Fire using

Arduino by N.Srikanth, Aishwarya, Kavitha.H.M, Rashmi Reddy.K,
Soumya.D.B

4.Smart Crop Protection System from Wild Animals Using IoT by

Priyanka Deotale, Prasad Lokulwar

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THANK YOU!!!!