SMART CROP PROTECTION SYSTEM FOR AGRICULTURE(IOT BASED)

OBJECTIVE:

Agriculture is the most important sectors of Indian economy.Farmers are the backbone of our country.It is important to access the resources that are important.Improve the agricultural security has become a major threat.This projects is to implement the smart crop protection in the field.

The aim of the project is to protect the field against animal attacks ,insect attacks and climatic changes to enrich the yield.This can be achieved by IOT.This enhances the standard of farming.advanced IOT field detects the intruders ,monitors suspicious activity and report to the proprietor of the field.It helps farmers for ensuring safety of the farmland and tress passing activities.

This framework runs on an Arduino and makes use of micro controller.This system uses a PIR sensor to detect intruders close to the fields,along with smoke sensor to detect emission of smoke from fires and intrusions.Moisture sensor is introduced to detect the water content of the field.