

# IOT BASED SMART CROP PROTECTION SYSTEM FOR AGRICULTURE

TEAM ID: PNT2022TMID43619

## **ABSTRACT:-**

- ✓ *The effect of insects in farmed has been very high in certain areas. The climatic changes even add to the woes of a farmer. Widespread adoption of chemical pesticides has resulted in unprecedented crop yields. The agriculture pest monitoring device is a moving bot or line following bot which monitors the amount of pest in farmland.*
- ✓ *The image processes like image acquisition, preprocessing, grayscale conversion blurring, max pooling and using ReLU for faster training of dataset. It calculates and sends the amount of pest present in a particular crop and suggest the amount of pesticide to be sprayed*