

SRI KRISHNA COLLEGE OF TECHNOLOGY
IoT Based Smart Crop Protection System for Agriculture
Ideation

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Idea 1

In most of the scenarios wild animal pose a threat to harvest ready crops. Instead of using electric fences we can use a LED light based fences as wild animals by nature are afraid of light. While they come nearer to the fence the intensity of light increases causing the animals to go back to the forest

Idea 2

Unpredicted rain may cause the decay of crops due to flooding. This can be prevented by calculating the probability of rainfall continuously using humidity and moisture sensor. If the sensors detect unusual values alerts are sent to the farmer immediately

Idea 3

Identification of disease in an infected crop is a tedious process. So, we allow the user to click a photo of the infected crop to our application and our AI will detect the disease and say the cure and prevention measures for it.