### PROBLEM STATEMENT

### Smart Farmer - IoT Enabled Smart Farming Application

### Farmers needs a way to get alert when animals enter into field so that the farmers get alert and protect crop from animals.

### Farmers need a way to know the soil erosion is reducing the amount of land available for agriculture, and declining biodiversity affects the pollination of crops so that farmers get alert and protect the land available for agriculture

### Farmers need a solution for pest control so that they can achieve greater efficiency in pest treatments.

### Farmers need a solution for proper livestock management system so that IoT agriculture sensors that can be attached to the animals on a farm to monitor their health and log performance. Livestock tracking and monitoring help collect data on stock health, well-being, and physical location.