

## **Smart Farmer - IoT Enabled Smart Farming Application**

### **Problem Statement**

- Agriculture is considered as the basis of life for the human species as it is the main source of food grains and other raw materials.
- One of the basic reason is the lack of precipitation and deficiency of land supply water.
- IoT-based agriculture system helps the farmer in monitoring different parameters of his field like soil moisture, temperature, and humidity using some sensors.
- Farmers can monitor all the sensor parameters by using a web or mobile application even if the farmer is not near his field. Watering the crop is one of the important tasks for the farmers.
- They can make the decision whether to water the crop or postpone it by monitoring the sensor parameters and controlling the motor pumps from the mobile application itself.