Project Objectives

Team ID	PNT2022TMID22879
Project Name	IOT - enabled smartfarming Application

Abstract:

The traditional agriculture and allied sector cannot meet the requirements of modern agriculture which requires high-yield, high quality and fficient output. Thus, it is very important to turn towards modernization of xisting methods and using the information technology and data..

Internet of Things (IoT) technology has brought revolution to each and every field of common man's life by making everything smart and intelligent. IoT refers to a network of things which make a selfconfiguring network. The development of Intelligent Smart Farming IoT based devices is day by day turning the face of agriculture production by not only enhancing it but also making it cost-effective and reducing wastage. The aim / objective of this report is to propose IoT based Smart Farming System assisting farmers in getting Live Data (Temperature, Soil Moisture) for efficient environment monitoring which will enable them to increase their overall yield and quality of products. The IoT based Smart Farming System being proposed via this report is integrated with Arduino Technology mixed with different Sensors and a Wifi module producing live data feed. The product being proposed is tested on Live Agriculture Fields giving high accuracy over 98% in data feeds