

# **DESIGN OF AN INTELLIGENT MANAGEMENT SYSTEM FOR AGRICULTURAL GREENHOUSES BASED ON THE INTERNET OF THINGS**

## **ABSTRACT**

In agricultural country like India, greenhouses form an important aspect of agricultural and horticulture sectors. In greenhouses, plants are grown under favorable climatic conditions for its production and growth. Thus monitoring and control of greenhouse environment is necessary for production and management of greenhouses. This project is designed to monitor and control the indoor humidity and weather conditions affecting the plants using embedded system and Android mobile phone. The android phone is connected to a central server which then connects to microcontroller and humidity sensor via serial communication. Thus the sensor records and manages the required weather conditions proved to be appropriate for plant growth

SHIELD TECHNOLOGIES