

PROBLEM STATEMENT

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 self-configuring 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 paper is to propose a Novel Smart IoT based Agriculture Stick assisting farmers in getting Live Data (Temperature, Soil Moisture, Weather, Irrigation) for efficient environment monitoring which will enable them to do smart farming and increase their overall yield and quality of products.

The agriculture stick being proposed via this paper is integrated with Arduino Technology, Breadboard mixed with various sensors and live data feed can be obtained. The product being proposed is tested on Live Agriculture Fields giving high accuracy over 98% in data feeds.