

A Survey Paper on IoT AgroFlow Advancing Agriculture with Smart Monitoring and Irrigation Systems

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Abstract: *Precipitation and climate change have fluctuated over the past ten years. As a result, a large number of Indian farmers have recently embraced climate-smart farming practices known as "smart agriculture." Among the most significant uses of IOT is smart agriculture. This boosts yield while wasting less water and fertilizer. Smart agriculture refers to the application of Internet of Things (IoT)-based automated and controlled information technology. IOT is widely used in all wireless communication environments and is growing quickly. Based on the actual circumstances of the agricultural system, this project studied and investigated the integration of IOT technology, sensor technology, and wireless networks. soil temperature, relative humidity, and pH are measured by temperature, humidity, and pH sensors. a hybrid strategy combining wireless and Internet connectivity.*

Keywords: Temperature Sensor, Humidity Sensor, IOT, PH Sensor, Agricultural, Environment

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