

# **Automation in Greenhouse using IoT**

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**Abstract:** *This work provides an IoT-based plant monitoring system for avoiding over-exploitation of resources, ensuring compact design with easy installation and the best environment for the plants to grow. This type of agriculture monitoring system provides environmental monitoring services that help the crop grow in good shape. The system offers the service of storing a database about the environment and soil information acquired from a wireless sensor network deployed in the planted area. Furthermore, it enables users to track environmental data regarding planted crop in real-time using any Internet-enabled device.*

**Keywords:** Greenhouse, IoT, Internet-enabled device, Automation.

