

Automatic Soil Moisturizing System Using IoT

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Abstract: *Now a day's water is becoming very precious due to scarcity in obtaining clean water for domestic purposes including irrigation. To optimize the use of water, a mechanism to develop water conservation is the need of the hour. Also, automation in agricultural systems is a necessity to optimize water usage, reduce water wastage, and implement modern technology in agriculture systems. The soil moisture sensor is a novel device that senses the moisture content in the soil, and with a suitable mechanism allows water to be irrigated depending on the moisture content of the soil. Automation of farm activities can transform the agricultural domain from being manual and static to intelligent and dynamic leading to higher production with lesser human supervision.*

Keywords: Optimize, Scarcity, Materialized, Novel, Irrigated.

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