

National Conference and Exhibition on Rural Innovations

CLOUD BASED AGRICULTURE MONITORING

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Abstract

Through the millennia, agriculture has been crucial to the growth of human civilizations. However, it is one of the fields that requires technology assistance. The agriculture market has not yet benefited from cutting-edge technologies like the Internet of Things. The farmer can make sure that the finest practices are utilized in her or his farm and thus assure maximum output and yield by applying intelligent monitoring techniques and enabling autonomous sensing of the circumstances on a farm. The study proposes a low-cost system that can provide updates on any farm-related problems as well as information about the environmental conditions around the plants, and it can recommend the optimal crop demands based on the sensor data. The suggested system is a monitoring system based on IoT.

Keywords---GSM, Internet of Things, Thing Speak.



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