

IoT-based pesticide distribution control system with photometric sensor framework
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Abstract	The use of pesticides is often given under extreme conditions. The excess use of these pesticides can harm both the farmers directly and the affected environment; this is the impact of the uncontrolled use of pesticides. There is a need for a control system to control the distribution of pesticides on agricultural land. This article seeks to provide a control system design for controlling the distribution of pesticides by utilizing photometric technology integrated with the internet of things (IoT). The control system is designed automatically with a sensing system or an operating record. It is expected to be able to disseminate the correct use of pesticides to achieve production efficiency. This study provides a design of an automatic control system for pesticide distribution IoT-based. We use a photometric sensor to control the pesticide distribution. Future work can be implemented for prototype work due to smart farming to control pesticide distribution automatically.
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