ABSTRACT

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IOT BASED AUTOMATIC PLANT WATERER WITH BLYNK APP.

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(xiii + 42 + Attachments)

Watering plants that are still manual makes the plants not well maintained due to dense activities, or types of plants that have special attention both in a cool place and air needs that must be met. very useful and easier in the process of plant care. This study aims to design an IOT-based automatic plant sprinkler with the Blynk application, and a humidity sensor as a tool to detect soil moisture. The results of this study indicate that the IOT-based automatic watering machine with the Bynk application can simplify and save time.

Keywords: Plant watering, Blynk, Moisture sensor, Humidity.

Bibliography (2016 - 2019)