

ABSTRACT

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FOUR WHEEL-BASED ROBOT GRABBER BASED ON IOT USING WIFI AND BLYNK AS A CONTROL DASHBOARD.

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Kata Kunci : Arduino, NodeMCU ESP8266, L298N Motor Driver, Micro Servo SG90, DC Motor.

(xiii + 112 + Appendices)

The development of technology, especially the world of Robotics which rapidly brought the world to an era where in some aspects of work began to be replaced with robots. In various cases, robots are the main choice because they can reduce the cost of expenditure for the company, besides the results of work carried out by robots are more precise and more detailed with a shorter processing time compared to using human labor. Some cases of the combination of Humans and Robots provide solutions to specific problems that cannot be done using robots alone. Based on the information above, we intend to design a combined control system between Blynk as the controlling Dashboard and Arduino-based UNO microcontroller to control the robot grabber that can be used to move goods.

(Bibliography 2015 - 2019)