

SMART POND

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A project report submitted in partial fulfillment of the requirements for the award of the degree of Diploma of Electrical Engineering (Electronics / Telecommunications / Instrumentations / Computer)

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SEPT 2013

“I declare that this report entitled “*SMART POND*” is the result of my own group research except as cited in the references. The report has not been accepted for any degree and is not concurrently submitted in candidature of any other degree.”

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ACKNOWLEDGEMENT

First of all we would like to wish our grateful to Allah S.W.T for blessing us to complete this project. We are very thankful for these following for their contribution in assisting us in completing our project with their ideas and guardians. Our special thanks is dedicated to our supervisor, Sir Fadhli Dzul Hilmi bin Mohd Fauzi, for helping us and patience.

Special thanks and appreciation to our parents, family and friends for their cooperation and encouragement. Finally, thank to our coordinator Madam Aishah Cik Kar for assisting us and involved her directly toward this project. Thank you.

ABSTRACT

Facing with the growth of the technology has made us aware of the mankind's problem. People nowadays tend to looking for something that do not burden their busy life and also will make their life easier than before. So, we come out with project "smart pond" to ease all of the people to change their pond water easily without any mistakes and of course, save their time and energy. A "smart pond" that can change the water when the dirty thing has been collect at the bottom of the pond. We use IR sensor as the sensor and two circuit for this project. IR sensor has two component, transmitter and receiver. For the output, we use the water pump to pump out the water when the sensor detected the dirty thing and the tank will replace the water.

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