UNIVERSITI TEKNOLOGI MARA

RENEWABLE ENERGY:

WIND LAWN MOWER

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"I declare that this report entitled "WIND LAWN MOWER" is the result of my own group invention 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



In the name of ALLAH S.W.T The Most Gracious and Most Merciful – peace and blessing of ALLAH be on his last messenger, Prophet Muhammad S.A.W. who has shown us the right way through the darkness of ignorance and kufr.

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ABSTRACT

Wind energy is one of the renewable energy. It is using wind generator. Winds that blow through the blade which attach at the generator also rotate the rotor inside the generator. When the rotor spins, in the conduct, it will produce electric field and magnet produce magnetic field. Next, when there is magnetic field exist, magnetic flux occur. In order to cut the grass using wind energy, we have designed and implemented an electronic circuit plus we control the speed of DC motor. Our main device is generator that functioning as a generative the energy to the 12V led acid battery.

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