

Rancang Bangun *Hybrid Robot* Dalam Kontes Robot ABU Indonesia 2016

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ABSTRACT

Robot is hardware designed of alloys mechanical and electronic devices are created with a specific purpose. Hybrid robot is a robot designed to be able the task in Indonesian ABU Robot Contest 2016. The robot must encourage the Eco Robot by bringing propeller up to wind turbine station but should not be touched directly. After that hybrid robot should to take the propeller and set to the wind turbine machine, start from hybrid robot start zone 2. Hybrid robot run automatically from hybrid robot start zone 2 to wind turbine station, then climb the pole and set the propeller to wind turbine machine. The result of the trial, the systems installed in the robot can completing the task very well. 9 of 10 trialis successful.

Keywords : *Hybrid Robot, Indonesian ABU Robot Contest 2016*