ABSTRACT

" Prototype Power Bayu (Wind) as One of Practical Course Module Power Alternative "

Learning activities related to the utilization of wind energy as electrical energy, not only through exposure theoretically but also through practical activities that can explain how the relationship between wind speed with a huge potential for electrical energy to be generated. So the availability of tools supporting practical activities to be important and absolute available in the laboratory, which can assist students in understanding how the process of conversion of wind energy into electrical energy and the factors that affect the great potential of electric energy generated.

In this paper made a practical tool Wind Power (Bayu) with wind source of the fan and 3 modules to examine the relationship between several variables in testing the relationship between wind speed with the voltage generated , the relationship between wind speed at the rotational speed shaft generator , and the Relationship Between the voltage produced by the Flow Against Providing Expenses**.**

Keywords : Fan,Appliance Pratikum Wind Turbines (Wind), Module, Variables .