

## **ABSTRACT**

*Electrical energy has been used in various fields .As an example of the field of education and health .This sector requires equipment using electrical energy as a power source .The high demand for electricity cause the imbalance between demand and the availability of electrical energy .Some power plant in indonesia is still dependent on fossil fuels. Therefore, it should be developed an alternative energy source to resolve the problem.*

*On this final project has been made a prototype of alternative energy power plant. This instrument use pressure from vehicles pass through it to move the rotor .The movement of the rotor will change magnetic flux that triggered an electric current*

*The electric current will enter a rectifier. Also needed a system that could stabilize the output of the device .This device can be placed on the road having dense traffic .*

***Keyword: alternative energy , generator , vehicle pressure***