

**PEMANFAATAN SENSOR ULTRASONIK SRF05 UNTUK SISTEM MONITORING
LEVEL KETINGGIAN AIR PADA BENDUNGAN MENGGUNAKAN SMS
GATEWAY**

Anggara Yudha P

*Computer Engineering
Information Technology
State Polytechnic of Jember*

ABSTRACT

Unpredictable weather exchange requires a technology development. The tipycally on drying system it brings some ideas to create a clothes dryer based microcontroller Atmega8535 instead of conventional process by drying under the sun. The aim of this project is to designed and made a drying clothes equipment based on Microcontroller Atmega8535. Single chip Atmega32 was used as a controller in the drying process electronically. It was an easier way to dry the clothes without having to wait for good weather. sensors was used to detect room temperature and humidity in the dryer, push button switches were used as switches to determine the limits of temperature and humidity. Glow lamp that emits of heat used as a component of the drier and fan was used to distribute heat in was drying room. This device will automatically control the drying process based on the temperature in the furnace room.

Keywords: *microcontroller Atmeg8535, LCD 16X2,.sensor Ping*