ABSTRACT

CO_2 known as an invisible gas but every times we always take out this gas in breath. If concentration of CO_2 in the earth is over than normal, it can make global warming and many disasters. Se we must reduce the concentration of CO_2 with plant tree and it is better if people know the concentration of CO_2 in their environment so they can do anything to prevent.

In my final project was making the device to detect or measure the concentration of CO_2 then display how many CO_2 in our environment in LCD and this device is portable. So we can use it every time and every where. This device use TGS 4160 for the head sensor with stabilizer module to measure CO_2 in the air. However, to calculate was used microcontroller AVR ATMega8535 and the result will be displayed in LCD. Then the powers come from batteries

This device can apply to measure the concentration of CO_2 in environment with output unit in ppm. The measurements result will be displayed with air environment condition. So people easier for understand the result of measurements. This device is portable, so people easily to use it. By known the concentration of CO_2, can be hoped we can do something to prevent global warming.