

ROYAL EXPRESS HEAT SOLUTION

Introduction:

this project is called royal express heat solution. This project is made up by bread board, arduino uno, temperature sensor and fan.

In the first step, the sensor senses the temperature by temperature and humidity sensor namely DHT11. In the second step, the sensor's output is taken and conversion of temperature value into a suitable number in Celsius scale is done. The fan speed is controlled by using PWM signals.

A Temperature Controlled DC Fan is a system which automatically turns on a DC Fan when the ambient temperature increases above a certain limit.

REASON OF PROJECT

It has been seen that in a company called royal express which transports people and goods in general way people complaining about heat which occurs in this public bus so that's why we do this project to solve this problem.

WHAT PROJECT WILL SOLVE

It has been seen that in a transport company which transports people and goods in general way because of a large number of people there's heat caused by bus and a large number of people.

So there's some people who are affected by this heat and some time vomit and some of them can lose their lives because of lack of enough oxygen so this project is going to solve this problem.

HARD WARE REQUIRED

- 1.bread board
- 2.arduino uno
- 3.temperature sensor
- 4.fan
- 5.jump wires

Circuit diagram

