

Using an Arduino and a temperature, humidity sensor, Automate the fan speed

Sanobar¹

¹ Research Scholar, JIET

^{1*} sanobar.chouhan1@gmail.com

* corresponding author

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Correspondence:

E-mail:

sanobar.chouhan1@gmail.com

ABSTRACT

To automate fan speed management by utilizing an Arduino board, temperature and humidity sensors are being investigated. However, instead of having to manually alter a fan's speed every time it's needed, this approach allows it to automatically adjust its speed based on the surrounding environment. Internet of Things (IoT) is used as a basis for the project (IOT). Automatically control fan speed with a DHT22 sensor. The resistance of the fan will be changed according to the temperature measured by the temperature and humidity sensor to vary the fan speed. Getting information requires a little planning. In addition to the DHT22, Arduino, and LCD, there will be a programmable LCD display

Contact Editor for Full paper Contact @ijsdcs.com

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