

# **TEMPRATURE CONTROLLED FAN**

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## **Objective –**

We can control the temperature of devices, rooms, electronic components etc. by monitoring the temperature.

## **Material Required –**

DC motor with propeller , Arduino UNO , LCD Display , DHT11 Sensor , Jumper Wires .

## **Working of Model –**

When the power supply is passed , so the DHT11 Sensor sense the temperature and humidity and they will be displayed on LCD display . The Arduino will check the temperature , if it is lower than 20 degree celsius , so the fan will not work and if it is greater than 20 degree celsius so the fan will work .

## **Advantages –**

We will no longer need to disturb your workflow to adjust the speed and direction of your fans. Automating the fan speed saves time and maintains a consistently comfortable environment.

## **Conclusion –**

This will not disturb our flow of work . Fans speed is automatically controlled .

## **Future scope –**

We can control our fan or LED by more parameters like Humidity , Light etc.

