

SMART FAN

Objective

The main objective of this project is to design a smart fan setup using an Arduino by the temperature variation in atmosphere.

Introduction

This Smart fan is used to operate fans automatically as per the temperature change instead of using manual switches.

Advantages and Applications

- Managing our home fans.
- Flexibility for new devices.
- Convenient to use.

We can turn any device into smart device and use per our convenience.

Future Scope

Can be extended to all other home appliances.

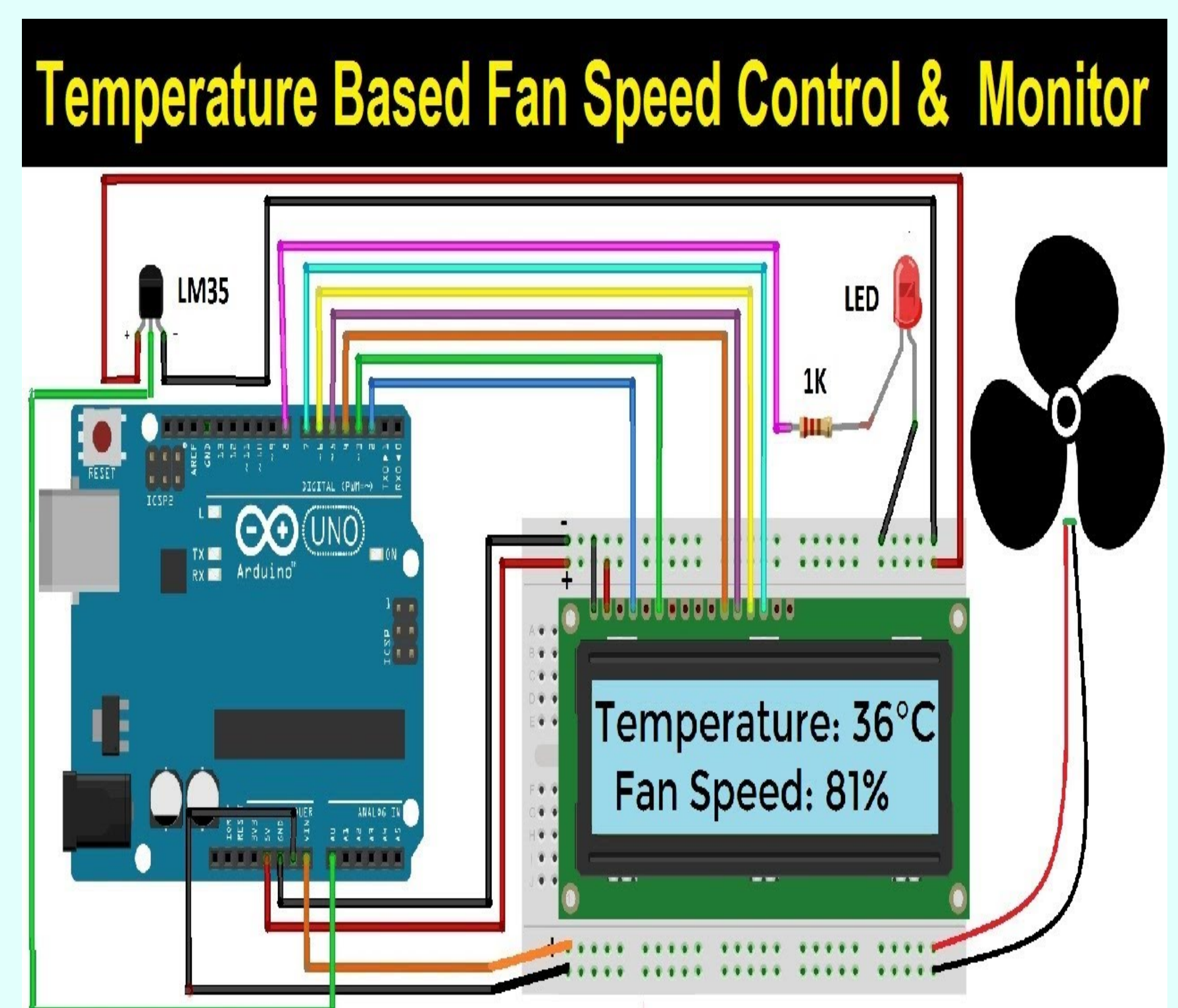
Requirements

- Arduino UNO & IDE
- Fan
- Temperature Sensor
- Breadboard
- Jumper wires

Working

Smart fan is controlled by temperature variations. It uses Arduino as the main controller connected to temperature sensor, so that it can turn the connected device and its speed.

Circuit diagram



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