**Features:**

* **Automatic regulation control using data provided by LM35 temperature sensor.**
* **Fan speed display using LCD display.**
* **Hazard level indication using BI-polar LED bulb. When temperature level is below 20C, the LED is off, indicating the off state of the fan. When temperature level is above 20C, the LED glows yellow, indicating safe zone. When temperature exceeds 35C, LED glows red, indicating danger zone.**
* **The logic of temperature regulation is provided by Arduino UNO micro-controller.**
* **The fan is operated by a high power DC motor.**
* **The power of the motor is provided by L293D motor driver IC.**