

HACKTHON

Team ID – SGH001547

Problem Statement:-

Design and Build Cloud-Enabled & AI-Powered Heating/ Cooling System for Industry 4.0.

Solution:-

For this problem, we use the following components.

- 1) Raspberry PI
- 2) Arduino
- 3) Temperature and humidity sensor - DHT22
- 4) Gas sensor - MQ9
- 5) fan, wires, and circuits.

We build a device that can automatically turn on the cooling system for the machine whose temperature becomes very high using machine language and artificial intelligence.

Even in this device, the authenticated person from anywhere can see the machine's temperature and if he /she feels to turn ON/OFF the cooling system, he/she can from anywhere.