



7.4 Energy and the community

SDG 7 – Indicator 7.4.3 Energy efficiency services for industry

LPG Gas Oven Monitoring and Control System Project Utilizing Adaptive Temperature Regulation Based on Esp32 Technology and Thermocouple Sensors



Sriwijaya University Computer Engineering students innovated the development of an intelligent monitoring and control system for LPG-fueled ovens, which utilizes adaptive temperature regulation based on ESP32 technology and thermocouple sensors. This innovation can help industrial processes for precise temperature control to maintain product quality and energy efficiency in manufacturing and production processes. By using this system, the temperature in the oven can be monitored in real time and adjusted automatically to ensure the combustion process runs optimally

Link:

- https://www.instagram.com/tekkomunsri.official/reel/C_0OMceSi8j/