Mindluster Platform

# About the course Bluetooth controlled electric appliance

Bluetooth-controlled electric appliance course, in this course you'll explore how to use Bluetooth technology to wirelessly control electric appliances with Arduino and the HC-06 Bluetooth module. This course provides an in-depth look at setting up a Bluetooth communication system, understanding the basics of Arduino programming, and integrating the HC-06 module for remote appliance control. Youâ€™ll learn how to pair the HC-06 with a smartphone or tablet, and through hands-on exercises, program the Arduino to receive Bluetooth signals that turn appliances on and off. Weâ€™ll cover circuit design essentials, including connecting relays to manage high-voltage appliances safely, and setting up mobile apps or Bluetooth terminal apps to control appliances wirelessly. You'll also gain troubleshooting skills to handle common connection issues, ensuring reliable operation. By the end of the course, you'll have created a practical, Bluetooth-controlled system capable of managing various devices around the home or office, building a foundation in home automation and remote control technologies. This course is ideal for beginners and DIY enthusiasts eager to delve into smart home projects and Bluetooth applications.

**Medical Category's Courses**

# Course Lesson(2)

Lesson 1 : **Turn ON OFF electric appliance using Arduino bluetooth HC 06 with code**

Lesson 2 :
**Battery Equalizer Voltage Balancer for 48V Solar Batteries Review and Test HA 12 With Bluetooth**

# Related courses

**Infection Control**

**Male Reproductive**

**Anatomy**

**Pharynx**

**Endocrine**

**General Embryology**

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