

Energy Efficient Cooler

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Abstract: *In this era of digitalization, automation has been the most vital revolution. Nowadays, the internet is an integral part of human life. Internet of things (IOT) provides a platform that allows devices to connect, sense and control remotely across a network infrastructure. In this paper, the focus is made on home automation through IOT and automation. The IOT devices control and monitor the electronic and electrical appliances in a typical household load. The proposed Arduino microcontroller-based home automation is achieved that allows smooth controlling of lighting and air-Cooling loads, and the complete setup is very economical and easy to implement. It gives a brief insight of the use of controllers and sensors that can help the researchers to design and deploy them in real-time commercial applications*

Keywords: Internet of things (IoT), Esp8266 controller, level sensors, SPDT Relay

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