**TOUCH SCREEN CONTROLLED LAMP DIMMER**

**Abstract:**

This project aims in designing a system which helps in increasing or decreasing lamp intensity as required with just a simple touch . As the world gets more and more technologically advanced , We find new technology coming in deeper and deeper into our personal lives even at home . Home automation is becoming more and more popular around the world and is becoming a common practice .The main aim of this project is to build a graphical LCD touch screen interface for high voltage electrical lamp dimming operation over wireless .The program running inside the microcontroller can develop a virtual on screen keypad and a control panel. The status of lamp intensity can be viewed on graphical LCD. No need to have mechanical relational based control system or push buttons for this operation .Users can control the lamp intensity with gentle finger touch . We can see this technology within a less time in apartments and in so many places.

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