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# HEATED TOWEL

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## Abstract

Regular towels have been available to us ever since to assist in drying our bodies and avert the onset of chills. Once our bodies have dried after wiping, they just set the towel aside and continue their activities while dealing with shivers. A gadget to keep the body warm on chilly days was the goal of the investigation. It specifically established the device's properties, the voltage effect, and the power wattage of the final product. Construction and experimental approaches were used to get the data for this investigation. It also identifies the most effective material from all trials and experiments and the best material combinations for a heating pad at an affordable price to develop a more affordable device. The device was finally employed as a heating pad in a heated towel. It will be used as a warmer for those feeling chilly, especially during outdoor activities, so they updated it in terms of its longevity and efficacy. The materials combined with the design produced an exceedingly safe and well-designed device. The outcome is a heated towel to stay warm when engaging in indoor or outdoor activities. The material combination can maintain the temperature, and the heating pad's heat output may increase.

The Heated Towel is an innovation of the towel sold in the market. It is unique because it can warm our bodies during cold days when outside of the house. The temperature of the heated towel is monitored so that users can adjust to the heat produced by the towel. Many materials have been tested to be used as heated pad, and this paper was able to show how temperature varies with the properties of materials.