

Title: Automatic Home Cooling System

Abstract:

Our project focuses on developing an automatic home cooling system designed to reduce reliance on air conditioners, thereby conserving energy and minimizing environmental impact. Utilizing a temperature sensor, our system monitors indoor temperatures and activates when it exceeds 32 degrees Celsius. Upon activation, a buzzer sounds to indicate high temperature, an exhaust fan rotates to expel hot air, and a cooling mechanism involving ice cubes and a fan directs cool air into the home. This automated system operates independently, even in the absence of occupants, ensuring a consistently cool environment. Our innovative approach aims to provide an eco-friendly, cost-effective alternative to traditional cooling methods.