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BLUETOOTH CONTROLLED HOME AUTOMATION SYSTEM USING 8051

FACULTY INCHARGE

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ABSTRACT:

This project presents a Bluetooth-controlled home automation system based on the **8051 microcontroller**, designed to enhance both convenience and sustainability in modern living. Users can effortlessly manage appliances, lighting, and security features from their smartphones, creating a seamless home experience. By optimizing energy usage and providing real-time monitoring, the system encourages eco-friendly habits and reduces electricity waste. Ultimately, this innovative solution not only simplifies daily tasks but also fosters a commitment to sustainable living, making homes smarter and greener.