**HOME AUTOMATION SYSTEM USING ANDROID PHONE**

**A PROJECT REPORT**

***Submitted by***

**Mr. Randhir M Singh**

***in partial fulfillment for the award of the degree***

***of***

**BACHELOR OF ENGINEERING**

**IN**

**COMPUTER SCIENCE & ENGINEERIN**

***Guide***

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The project report titled **“HOME AUTOMATION SYSTEM USING ANDROID PHONE”** submitted by **Raushan D Kumar, Randhir M Singh, Ravi Chaudhary, Mukesh R. Kumar and Mukesh Kumar** for the award of degree of Bachelor of Engineering in Computer Science and Engineering has been carried out under my supervision at the Department of Computer Science and Engineering of Priyadarshini Indira Gandhi College of Engineering, Nagpur. The work is comprehensive, complete and fit for evaluation.

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It is our pleasure to submit this project report entitled, **“Home Automation System Using Android Phone”** in partial fulfillment of the requirements for the requirements for the award of degree of Bachelor in Computer Science and Engineering.

**Mr. Randhir Singh**

**Abstract**

This paper presents the overall design of Home Automation System (HAS) with low cost and wireless remote control. This system is designed to assist and provide support in order to fulfill the needs of elderly and disabled in home. Also, the smart home concept in the system improves the standard living at home. The main control system implements wireless Bluetooth technology to provide remote access from PC/laptop or smart phone. The design remains the existing electrical switches and provides more safety control on the switches with low voltage activating method. The switches status is synchronized in all the control system whereby every user interface indicates the real time existing switches status. The system intended to control electrical appliances and devices in house with relatively low cost design, user-friendly interface and ease of installation.

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