**Smart integrated automation system for industrial and domestic purpose**

Mudit Pratap Singh, Kritika Nath, Prabhat Mittal, Nitesh Upadhyaya

Department of Electronics and Communication, IMS Engineering College Ghaziabad, U.P (201009), India.

**Abstraction:**

Automation device has a wide scope for this Generation as well as in the forthcoming generation. In this wide scope, Mobile communication technology is playing a major role in the world of automation but In today’s world upgrading the automation system is a major concern. It became more costly when the automation system needs up-gradation. As a solution, we have successfully implemented a smart integrated automation system for both industrial and domestic purposes, by this system we can easily expand our existing automation system. This article is fully based on a low-cost and reliable automation system for accessing and controlling devices and appliances remotely using a NodeMCU-based Smartphone application. We worked with three major goals that are Provide an expendable automation circuit by user end, that can implement for both industrial and domestic automation and last, and this is open source re-programmable.