|  |  |  |  |
| --- | --- | --- | --- |
| **Title:** | Designing of Microcontroller Based Home Appliances Governor Circuits | | |
| **Author(s) Name:** | Mohammad Zeyad, Prodip Biswas, Md. Zakaria Iqbal, Susmita Ghosh, Pronab Biswas | | |
| **Contact Email(s):** | susmitaghosh14@aiub.edu | | |
| **Published Journal Name:** | International Journal of Computer Electrical Engineering (IJCEE) | | |
| **Type of Publication:** | Journal | | |
| **Volume:** | 10 | Issue | 2 |
| **Publisher:** | International Academy Publishing (IAP) | | |
| **Publication Date:** | June, 2018 | | |
| **ISSN:** | 1793-8163 (Print) | | |
| **DOI:** | 10.17706/IJCEE.2018.10.2.94-105 | | |
| **URL:** | http://www.ijcee.org/index.php?m=content&c=index&a=show&catid=95&id=1113 | | |
| **Other Related Info.:** | 94-105 | | |
|  | | | |

|  |  |
| --- | --- |
| **Abstract:** |  |
| Automatic control of home appliances is highly demanded in all over the world. In this energy saving era, energy can be saved without hampering our day to day busy scheduled life if it gets utilization of automated remote load controlled devices. This paper illustrates wireless home appliances controlling circuit using microcontroller. This method proposes design of a system that will be able to control apparatus remotely and will likewise empower home security against interruption without property holder. Remote speed controller of a load is being incorporated in the system which is one of the most attractive features of the system. An accessible security system through an app is also merged with the speed controller which provides influential security to the loads from unexpected users. Finally, power and speed calculations are done to complete the research. | |