



SDI Review Form 1.6

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_48001
Title of the Manuscript:	Design and Implementation of an Electric Cooker Control System as a Means of Preventing Domestic Fire Incidence.
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments		
Minor REVISION comments	<p style="text-align: center;">Journal of Engineering Research and Reports.</p> <p>Manuscript Number: Ms_JERR_48001</p> <p>Title: Design and Implementation of an Electric Cooker Control System as a Means of Preventing Domestic Fire Incidence.</p> <p>Reply: The author's claim the following: Open loop control system is the type without feedback, that is, no sensor sensing the control variable, hence works on time basis. The investigation establishes the fact that the system will prevent ubiquitous fire incidences associated with electric stoves and other heating devices. It describes the application of simple electronic circuitries in designing the low cost Cooker Control Devices. The building blocks of the unit were designed one after the other using preferred components available in the local markets. The project was wired on Breadboard. The board permits the design to be tested without employing soldering processes. The design enumerates some important construction precautions which are further accentuated with the inclusion of various tips on healthy soldering processes. It is believed that the unit will prevent fire incidences associated with electric cooker. Simple explanations given to drive home power electronics principles used and copious illustrations rendered will make the innovative and ingenious enterprise interesting to power electronics enthusiasts and other professionals alike. The paper recommends incorporation of embedded system with Liquid Crystal Display in the future design improvement.</p> <p>The results presented are good enough as to provide relevant information that deserves to be accepted for publication at JERR. But before doing that I suggest to correct the following errors which are the following: Pages 7 to 9 were not enumerated. Page 7, row 149 (at top) $V_{ac}(min)$ ----- ---- = 12.1 V_{ac}. ? lack of information. Page 7, row 153, (17). Need information? Page 7, row 166, current limiting resistor of ----- Ohms. Lack of information?</p>	
Optional/General comments		



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PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Donald H. Galvan
Department, University & Country	Universidad Nacional Autonoma de Mexico, Mexico