

Review Form 3

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_125362
Title of the Manuscript:	Design and performance evaluation of a self-contained electrically improved fireplace
Type of the Article	Original Research Article

Review Form 3

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	This manuscript is highly relevant because cooking food is an inevitable part of life and using biomass cookstove is still prevalent in many parts of the rural world. But the health problems related to the biomass cookstove is a major disadvantage and any step towards reducing the emission by efficient use of the fuel is commendable.	
Is the title of the article suitable? (If not please suggest an alternative title)	Good title	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Yes, the abstract is comprehensive, but the sentence structure and grammar must be checked.	
Are subsections and structure of the manuscript appropriate?	Yes. The subsections have been arranged correctly	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	The manuscript is technically sound as the thorough study of the existing model of cookstove has been made and a modified one has been made and tested. The electrical and thermal characteristics have been tested. The model was made after careful consideration and simulation study. The model has also been tested using various procedures and the results are shown. The thermal and electrical data of the model have been studied and shown in detail.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes.	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	The overall language and grammatical mistakes have to be improved before acceptance,	
Optional/General comments	The manuscript is technically strong but the language flow need to be improved.	

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>	

Review Form 3

Reviewer Details:

Name:	Poornima D
Department, University & Country	Sri Ramakrishna Institute of Technology, India