

Review Form 3

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|--------------------------|---|
| Journal Name: | Journal of Materials Science Research and Reviews |
| Manuscript Number: | Ms_JMSRR_129441 |
| Title of the Manuscript: | SOLAR COOKER, DESIGN, CONSTRUCTION AND PERFORMANCE. |
| Type of the Article | Research article |

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: 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. A minimum of 3-4 sentences may be required for this part. | Most country mankind uses energy in daily life activities. The use of solar cooker can help reduce mankind reliance on energy derived from burning fossil fuels. An electricity, kerosene, gases and other fuels are not safe for health and environment. That creates pollution. Therefore, to save the environment is to find alternative ways to produce and use sustainable, clean energy. Hence, this article (Design and use Solar Cooker) is an important. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | Fun-Panel Solar Cooker : Design, Construction and Performance | |
| 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. | Correction required : In abstract, author has written, the cooker can boil water up to 89 °C. In Conclusion and Experimental work , author has written, the cooker can boil water up to 90 °C and milk boil at 80 °C. Confuse about result. Please correct it with correct observation. | |
| Is the manuscript scientifically, correct? Please write here. | Yes, | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. | The references are sufficient but not indexed in well manner. Add some recent (from 2000 to 2024) references. Author has used old references. Observations are in roundup figure. Author should write digit figure of temperature. | |
| Is the language/English quality of the article suitable for scholarly communications? | Yes | |
| <u>Optional/General</u> comments | Article is suitable for publication but some improvement are necessary. 1) Make correction in Abstract. 2) Abstract not contain performance efficiency. 3) Abstract not contain designing panel. 4) Author must use digit figure of temperature in observation. | |

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:

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|----------------------------------|-------------------------------------|
| Name: | Bhise Ramesh B |
| Department, University & Country | S. P. Pune University, India |