

## Review Form 1.7

Journal Name:	<b>Journal of Scientific Research and Reports</b>
Manuscript Number:	<b>Ms_JSRR_100377</b>
Title of the Manuscript:	<b>Experimental evaluation of the thermal performance of a solar air collector</b>
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:

(<https://www.journaljsrr.com/index.php/JSRR/editorial-policy> )

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### 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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Yes</p> <p>Not Suitable, Title of the article should be: Experimental Investigation for augmentation of thermal performance of solar air collector.</p> <p>Not up to mark abstract written. Please Rewrite the abstract section take some reference of earlier studies of related topic. Also it should be qualitative and quantitative wise.</p> <p>Literature review should be elaborate.</p> <p>Some point's needs correction such as literature review and result and section should be modified.</p> <p>References should be writing only last 10 years and enhance more at least required 30. Also all references citations needed in the literature review section. Some of the latest references should be include in the manuscript related to current study given here :</p> <p>i. <a href="https://doi.org/10.1016/j.applthermaleng.2022.118379">https://doi.org/10.1016/j.applthermaleng.2022.118379</a></p> <p>ii. <a href="https://doi.org/10.1016/j.matpr.2022.12.244">https://doi.org/10.1016/j.matpr.2022.12.244</a></p> <p>1. In the abstract section qualitative based result were absent                  2. Keywords should be in alphabetically order, in brief and required at least 5                  3. Abbreviation and nomenclature should be required before introduction                  4. Figures should be made in the high resolution manner                  5. Check efficiency variation in the result and discussion section?                  6. Bullet points should be used in the numbering system.                  7. Uniform text size needed in the whole manuscript.                  8. Conclusion should be write point wise                  9. Result and discussion section should be more elaborate.                  10 Equation writing should be standard tool and methods.                  11. Comparative data of solar air collector at different time duration missing .</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>1. Some highlights of the manuscript required                  2. Grammatical mistake and the papers needs language editing</p>	
<p><b>Optional/General</b> comments</p>	<p>1. Comparative data by the different range of parameter missing                  2. References should be needed in the journal format</p>	

### 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)
<p>Are there ethical issues in this manuscript?</p>	<p><u>(If yes, Kindly please write down the ethical issues here in details)</u></p>	

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**Reviewer Details:**

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