

Review Form 1.7

Journal Name:	Journal of Materials Science Research and Reviews
Manuscript Number:	Ms_JMSRR_110690
Title of the Manuscript:	Design and fabrication of a multi-functional electric-solar driven dryer: Performance evaluation using cassava and red pepper.
Type of the Article	Short Research Article

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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>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>In its current state, the level of English throughout your manuscript does not meet desired standard. There are some grammatical and spelling errors, full stops missing, and instances of badly worded/constructed sentences. Please check the manuscript and refine the language carefully.</p> <p>Provide a graphical abstract.</p> <p>Calculate the drying rate and moisture diffusivity.</p> <p>So where is the list of abbreviations? Introduction. Justify the research gap. Materials and methods</p> <p>Talk about sample preparation. How and where did you get your sample. Look at these paper as a guide.</p> <p>Gilago, M. C., & Chandramohan, V. P. (2022). Performance evaluation of natural and forced convection indirect type solar dryers during drying ivy gourd: An experimental study. <i>Renewable Energy</i>, 182, 934-945.</p> <p>Kouhila, M., Moussaoui, H., Lamsyehe, H., Tagnamas, Z., Bahammou, Y., Ildlimam, A., & Lamharrar, A. (2020). Drying characteristics and kinetics solar drying of Mediterranean mussel (<i>mytilus galloprovincialis</i>) type under forced convection. <i>Renewable Energy</i>, 147, 833-844.</p> <p>Boateng, I. D., & Yang, X. M. (2021). Osmotic, osmovacuum, sonication, and osmosonication pretreatment on the infrared drying of Ginkgo seed slices: Mass transfer, mathematical modeling, drying, and rehydration kinetics and energy consumption. <i>Journal of Food Science</i>, 86(10), 4577-4593.</p> <p>Results and discussion.</p> <p>Talk about the science and engineering behind your results.</p> <p>Why didn't you look at t=the physicochemical properties of your dried products</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 		
<p>Optional/General comments</p>		

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
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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