

Review Form 1.7

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_119535
Title of the Manuscript:	Exergy and Energy Analysis of Forced Convective Thin-Layer Solar Drying of Tiger Nuts
Type of the Article	Original Research Article

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><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> This is an interesting study and the authors have focused on two thermodynamic and physical properties: exergy and energy analysis of Forced Convective Thin-Layer Solar Drying of tiger nuts. This manuscript is generally well written, structured and will certainly enrich the scientific literature. However, in my opinion the paper is still short. The author can add additional analysis and elaborate more detail in the results and discussion section. I have provided some remarks on the manuscript and I made below other additional comments. Yes, the title is suitable but the authors can write it as follows: Exergy and Energy Analysis of Forced Convective Thin-Layer Solar Drying of tiger nuts (<i>Cyperus esculentus</i>) Yes, the abstract is comprehensive. Yes, subsections and structure of the manuscript appropriate. Yes, I think the manuscript is scientifically correct. But, is still short. The author can add additional analysis and elaborate more detail in the results and discussion section. No, the authors must add more references and replace the oldest references with recent references. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<ul style="list-style-type: none"> I think the language quality is suitable, but please double-check the English for any mistakes. 	
<p>Optional/General comments</p>	<ul style="list-style-type: none"> Put the scientific name of Tiger nuts in all the manuscript. What does it mean by load density? and on what basis you chose the values 70 and 140? At what temperature did you dry this product? Please add real and actual picture of dryer. The authors can expand and give more results and discussion in the section "drying kinetics" based on moisture content values. 	

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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>	

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