

## Review Form 1.7

Journal Name:	Asian Journal of Physical and Chemical Sciences
Manuscript Number:	Ms_AJOPACS_115739
Title of the Manuscript:	REALIZATION AND EXPERIMENTAL STUDY OF A FORCED CONVECTION SOLAR DRYER
Type of the 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><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p><b>Yes, it is important</b></p> <p><b>Can be modified as EXPERIMENTAL STUDY OF A FORCED CONVECTION SOLAR DRYER FOR DRYING ONION SLICES</b></p> <p><b>Yes</b></p> <p><b>Satisfactory</b></p> <p><b>correct</b></p> <p><b>Needs improvement in terms of pattern and recent papers may be included</b></p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>Fair, needs improvement</p>	
<p><b>Optional/General</b> comments</p>	<p>Open sun drying under hostile climate conditions leads to severe losses in the quantity and quality of the dried products whereas mechanical drying is an energy consuming operation in the post-harvesting. Therefore, a dryer working on solar energy may be considered as a feasible option in this context. Also, there is considerable shift from fresh to more and more processed foods with significant changes taking place in the country and the rapid integration of Indian economy with global system. Since long large numbers of studies have been conducted on varied techniques of drying, still there is no clear-cut evidence as to which method of drying is best in terms of nutrient retention. This study proves to be an attempt to solve the mentioned concept</p>	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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