

Review Form 3

Journal Name:	Asian Journal of Research and Reviews in Physics
Manuscript Number:	Ms_AJR2P_129442
Title of the Manuscript:	FABRICATION OF SOLAR DRYER
Type of the Article	

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.	The manuscript titled "FABRICATION OF SOLAR DRYER" underscores the transformative potential of solar drying technology for Tanzanian farmers, presenting a sustainable solution to enhance food security. By leveraging locally available materials on a small scale, the study improves drying efficiency and addresses critical food preservation challenges. These findings lay the foundation for innovative designs that support small-scale agricultural preservation while contributing to global food sustainability efforts.	
Is the title of the article suitable? (If not please suggest an alternative title)	Empowering Farmers with Sustainable Solar Drying Solutions for Enhanced Food Security.	
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.	The abstract is lengthy, lacks proper formatting, and resembles an essay. It does not clearly highlight the key findings, which should be included for better structure and impact.	
Is the manuscript scientifically, correct? Please write here.	They calculated solar radiation for drying over several days but only reported the highest temperature in the results. They should also include the efficiency of the fabricated dryer, as utilizing locally available materials can enhance its effectiveness for that specific region. They did a good work but there is lack of presentation.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	For a efficiency approach the author may add this reference (https://iaeme.com/Home/article_id/IJMET_07_06_017) (https://doi.org/10.5281/zenodo.4573025).	
Is the language/English quality of the article suitable for scholarly communications?	Need to check grammar and flow of manuscript.	
Optional/General comments	The manuscript "FABRICATION OF SOLAR DRYER" presents a technically sound and innovative approach to local-level drying technology. The authors propose a sustainable, cost-effective solution utilizing locally available materials, making it both practical and environmentally friendly. This approach holds significant potential for widespread implementation in regions with similar resource availability. However, the manuscript requires substantial improvements in presentation and writing. Additionally, calculating and presenting the efficiency of the fabricated solar dryer would enhance the study's impact and overall contribution. The reference format need to change and when reference is added there no need to change the paragraph.	

Review Form 3

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?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

Name:	Dinesh Acharya
Department, University & Country	Shandong University, School of Chemistry and Chemical Engineering, Tribhuvan University, Nepal