

Review Form 1.7

Journal Name:	Journal of Materials Science Research and Reviews
Manuscript Number:	Ms_JMSRR_102140
Title of the Manuscript:	OPTIMIZATION STUDY OF COLLECTOR'S ABSORBER COATING PARAMETERS FOR SOLAR THERMAL HEAT COLLECTION APPLICATIONS
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://journaljmsrr.com/index.php/JMSRR/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>Compulsory 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>1. Yes: The efficiency of a solar collector is determined by its capacity to convert as much solar energy as possible into usable heat while reducing converted energy losses to the environment.</p> <p>2. No optimization in this study: OPTIMIZATION STUDY OF COLLECTOR'S ABSORBER COATING PARAMETERS FOR SOLAR THERMAL HEAT COLLECTION APPLICATIONS</p> <p>3. Abstract to improve, Abstract: add some results, values for example,</p> <p>4. In the introduction maybe you should add section: literature review, review last paragraph in introduction (A surface is said to be spectrally selective if it has a high absorptance for radiation, as well as a low emittance for the temperature,....) add to bibliography</p> <p>5. Acceptable</p> <p>6. Acceptable</p> <p><u>additional suggestions/comments</u></p> <p>Add well-detailed nomenclature or list of symbols -Rewrite all equations with a suitable equation editor -Remove / separate equations and text -Poor quality figures and curves -Revise the legends of all figures, give more explicit legends -In the discussion section adds recent comparisons with other works, for example a table that summarizes some works on the same material or others, enrich the discussion. -Conclusion: to review, lack of detail, too short, add results</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	Specifically, improve English	
<p>Optional/General comments</p>	<p>-Follow journal template, -References need a major revision and write all your references correctly, -Above all improve English, then please fix these points (detailed in previous sections) and submit your revised version</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><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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