

Review Form 3

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_121314
Title of the Manuscript:	Modeling heat and mass transfer in laminar forced convection in a vertical channel: influence of Reynolds number
Type of the Article	

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>The importance in applications such as smoke-drying, building heating, cooling of electronic components, thermal desalination of sea water. Several parameters, such as the nature of the fluid, its velocity, relative humidity, inlet temperature, and the temperature of the walls, make channel flow complexity importance in applications such as smoke-drying, building heating, cooling of electronic components, thermal desalination of sea water. Several parameters, such as the nature of the fluid, its velocity, relative humidity, inlet temperature, and the temperature of the walls, make channel flow complex</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Yes, the work is relevant with the scope of journal</p>	
<p>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.</p>	<p>Yes, Please make the abstract more specific with the current findings of work.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>No, it should be correct according to the template of the journal</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>This paper presents an Modeling heat and mass transfer in laminar forced convection in a vertical channel: influence of Reynolds number. The manuscript clearly fits within the scope of the journal. The topic is interesting. However, the manuscript must address the following concerns before being considered for publication:</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p> <p>=</p>	<p>The author need to add the references to make the manuscript more specific and clearly fit within the scope of manuscript.</p> <ol style="list-style-type: none"> 1.Singh A, Khan MZ, Mahto P. The impact of low Reynolds number on coefficient of probe at different-different angle of S-type pitot tube. <i>Materials Today: Proceedings</i>. 2021 Jan 1;46:6867-70. 2. Singh A, Khan IA, Khan MZ, Mahto P. The effect of low Reynolds number on coefficient of S-type pitot tube with the variation in port to port distance. <i>Materials Today: Proceedings</i>. 2021 Jan 1;45:7810-5. 3.Ajit IA. Khan (2022) The Experimental analysis on effect of low Reynolds number on probe coefficient having different-2 intertube spacing of S-type probe.&quot;. <i>International Journal of Emerging Technologies and Innovative Research (www. jetir. org), ISSN.:2349-5162.</i> 4.Singh A, Gupta R, Bundel BR, Mahto P. Investigation the Effect on Coefficient of filled and unfilled port to port dimension with plaster of paris of 2-Holes offset probe. <i>International Journal for Research in Applied Science and Engineering Technology (IJRASET), ISSN. 2023:2321-9653.</i> 5. https://doi.org/10.1063/5.0167642 6. DOI 10.1088/2053-1591/ad4fdc 	

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<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The manuscript has a lot of errata, citing issues, equation style issues, grammar issues, language usage issues, and write-up expression issues.</p> <p>2. There are some repetitions throughout the text. Obvious statements are also common.</p> <p>3. The introduction is made of unlinked paragraphs with state-of-the-art reviews. The motivation and the rational flow in the write-up do not exist. The literature gap and novelties are not clearly identified.</p> <p>4. Did the author find any numerical issues? Please discuss further.</p> <p>5. References are not in proper style.</p> <p>7. Figures are neither cited properly nor discussed in the main body of the manuscript.</p> <p>8. Figure numbers are not in sequence; please correct it.</p> <p>9. Make the conclusion more specific and related to the novel findings of the work.</p>	
<p><u>Optional/General</u> comments</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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