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Journal Name:	Journal of Energy Research and Reviews
Manuscript Number:	Ms_JENRR_48540
Title of the Manuscript:	Computational analysis for good thermal exchange and low pressure drop in regenerative air preheaters
Type of the Article	Original Research 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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)
Compulsory REVISION comments	<p>The article is not suitable for publication in this present form. The authors should address below issues exactly for further consideration</p> <ol style="list-style-type: none"> 1. The English language of manuscript needs major revision. 2. In results and discussion, the authors should discuss on their results deeply. 3. The authors should show the comparison between their results and previous works. 4. The literature review is poor and should be updated with recent published given below: <p>Daniel, Y. S., Aziz, Z. A., Ismail, Z., & Salah, F. (2017). Effects of thermal radiation, viscous and Joule heating on electrical MHD nanofluid with double stratification. <i>Chinese Journal of Physics</i>, 55(3), 630-651.</p> <p>Daniel, Y. S., & Daniel, S. K. (2015). Effects of buoyancy and thermal radiation on MHD flow over a stretching porous sheet using homotopy analysis method. <i>Alexandria Engineering Journal</i>, 54(3), 705-712.</p> <p>Daniel, Y. S. (2016). Laminar convective boundary layer slip flow over a flat plate using homotopy analysis method. <i>Journal of The Institution of Engineers (India): Series E</i>, 97(2), 115-121.</p> <p>Daniel, Y. S., Aziz, Z. A., Ismail, Z., & Salah, F. (2017). Entropy analysis in electrical magnetohydrodynamic (MHD) flow of nanofluid with effects of thermal radiation, viscous dissipation, and chemical reaction. <i>Theoretical and Applied Mechanics Letters</i>, 7(4), 235-242.</p> <p>Daniel, Y. S. (2015). Steady MHD laminar flows and heat transfer adjacent to porous stretching sheets using HAM. <i>American journal of heat and mass transfer</i>, 2(3), 146-159.</p> <p>Daniel, Y. S., Aziz, Z. A., Ismail, Z., & Salah, F. (2018). Effects of slip and convective conditions on MHD flow of nanofluid over a porous nonlinear stretching/shrinking sheet. <i>Australian Journal of Mechanical Engineering</i>, 16(3), 213-229.</p> <p>Daniel, Y. S., Aziz, Z. A., Ismail, Z., & Salah, F. (2017). Numerical study of Entropy analysis for electrical unsteady natural magnetohydrodynamic flow of nanofluid and heat transfer. <i>Chinese Journal of Physics</i>, 55(5), 1821-1848.</p> <p>Daniel, Y. S., Aziz, Z. A., Ismail, Z., & Salah, F. (2018). Impact of thermal radiation on electrical MHD flow of nanofluid over nonlinear stretching sheet with variable thickness. <i>Alexandria engineering journal</i>, 57(3), 2187-2197.</p> <p>Daniel, Y. S. (2017). MHD laminar flows and heat transfer adjacent to permeable stretching sheets with partial slip condition. <i>Journal of Advanced Mechanical Engineering</i>, 4(1), 1-15.</p> <p>Daniel, Y. S., Aziz, Z. A., Ismail, Z., & Salah, F. (2018). Thermal stratification effects on MHD radiative flow of nanofluid over nonlinear stretching sheet with variable thickness. <i>Journal of Computational Design and Engineering</i>, 5(2), 232-242.</p> <p>Daniel, Y. S. (2016). Steady MHD boundary-layer slip flow and heat transfer of nanofluid over a convectively heated of a non-linear permeable sheet. <i>Journal of Advanced Mechanical Engineering</i>, 3(1), 1-14.</p> <p>Daniel, Y. S., Aziz, Z. A., Ismail, Z., & Salah, F. (2017). Double stratification effects on unsteady electrical MHD mixed convection flow of nanofluid with viscous dissipation and Joule heating. <i>Journal of applied research and technology</i>, 15(5), 464-476.</p> <p>Daniel, Y. S. (2015). Presence of heat generation/absorption on boundary layer slip flow of nanofluid over a porous stretching sheet. <i>American Journal of Heat and Mass Transfer</i>, 2(1), 15-30.</p> <p>Daniel, Y. S., Aziz, Z. A., Ismail, Z., & Salah, F. (2017). Thermal radiation on unsteady</p>	<p>We greatly appreciate the time and focus of the reviewers dedicated to our manuscript. The reviewers' comments are highly constructive. We sincerely believe that the reviewers' comments have helped us to improve the manuscript.</p> <ol style="list-style-type: none"> 1. The manuscript was revised. 2. The results and discussion section was revised and rewritten in order to improve the results discussion. New graphs were also included in this section. 3. A comparison between the results of present work and field data of a regenerative air preheater in operation at the PETROBRAS petroleum refinery was added in the computer program section. 4. The literature review was improved and the recent published were added.



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	<p>electrical MHD flow of nanofluid over stretching sheet with chemical reaction. <i>Journal of King Saud University-Science</i>.</p> <p>Daniel, Y. S., Aziz, Z. A., Ismail, Z., & Salah, F. (2018). Hydromagnetic slip flow of nanofluid with thermal stratification and convective heating. <i>Australian Journal of Mechanical Engineering</i>, 1-9.</p> <p>Daniel, Y. S., Aziz, Z. A., Ismail, Z., & Salah, F. (2018). Slip Effects on Electrical Unsteady MHD Natural Convection Flow of Nanofluid over a Permeable Shrinking Sheet with Thermal Radiation. <i>Engineering Letters</i>, 26(1).</p> <p>Daniel, Y. S., Aziz, Z. A., Ismail, Z., & Salah, F. (2017). Entropy Analysis of Unsteady Magnetohydrodynamic Nanofluid over Stretching Sheet with Electric Field. <i>International Journal for Multiscale Computational Engineering</i>, 15(6).</p> <p>Daniel, Y. S., Zainal, A. A., Ismail, Z., & Salah, F. (2018). Electrical Unsteady MHD Natural Convection Flow of Nanofluid with Thermal Stratification and Heat Generation/Absorption. <i>Matematika</i>, 34(2), 393-417.</p> <p>DANIEL, Y. S. (2015). Boundary layer stagnation point flow of a nanofluid over a permeable surface with velocity, thermal and solutal slip boundary conditions. <i>Journal of Applied Physical Science International</i>, 237-252.</p>	
Minor REVISION comments		
Optional/General comments		

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