

Review Form 1.7

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_118682
Title of the Manuscript:	Hybrid Nanofluid Slip Flow over a Permeable Sheet with Radiative Heat flux, Variable Thermal Conductivity and Heat Source.
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://www.journalpsij.com/index.php/PSIJ/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>+</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>Yes, the title "Hybrid Nanofluid Slip Flow over a Permeable Sheet with Radiative Heat Flux, Variable Thermal Conductivity, and Heat Source" addresses several important areas of research within the scientific community, particularly in the fields of fluid dynamics, heat transfer, and materials science.</p> <p>The manuscript effectively outlines the purpose, methodology, findings, and practical implications of the study on hybrid nanofluid slip flow over a permeable sheet. It highlights the investigation of heat and mass transfer characteristics, utilizing mathematical transformations and numerical solutions. Key findings include the impact of various parameters such as radiative heat flux, variable thermal conductivity, and heat source on temperature and velocity profiles. The manuscript also emphasizes the study's practical applications in industries like manufacturing, cooling of electrical devices, biomedical fields, and military technology.</p> <p>Yes, the title "Hybrid Nanofluid Slip Flow over a Permeable Sheet with Radiative Heat Flux, Variable Thermal Conductivity, and Heat Source" is appropriate and clearly conveys the key aspects of the research.</p> <p>The abstract is comprehensive and covers the main aspects of the study. However, it could benefit from some minor edits for clarity, grammar, and consistency.</p> <p>The structure of the manuscript is appropriate, but to improve readability and flow, subsections can be better organized and some formatting can be adjusted.</p> <p>The manuscript appears to be scientifically sound, but it could benefit from some minor adjustments for clarity and precision. Here is a revised version, ensuring that all scientific details are accurate and clearly presented</p> <p>The references used in the manuscript are recent and relevant. The authors have included a sufficient number of references.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The language and English quality of the abstract are generally suitable for scholarly communications. However, a few major revisions of entire manuscript could improve clarity and readability.</p>	
<p>Optional/General comments</p>	<p>The entire manuscript requires significant sentence restructuring and correction of numerous grammatical errors. Additionally, adjustments are needed for the alignment of equations.</p>	

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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>	

Reviewer Details:

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