



**SDI Review Form 1.6**

Journal Name:	<a href="#">Physical Science International Journal</a>
Manuscript Number:	Ms_PSIJ_58219
Title of the Manuscript:	<b>ANALYSIS OF THERMAL DIFFUSION AND DIFFUSION THERMO EFFECTS ON AN UNSTEADY HEAT AND MASS TRANSFER MAGNETOHYDRODYNAMIC NATURAL CONVECTION COUETTE FLOW</b>
Type of the Article	<b>Original Research Article</b>

**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/journal/10/editorial-policy> )

**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b>Compulsory</b> REVISION comments	<ul style="list-style-type: none"> <li>i) The authors should add a few more applications of present study in Introduction part.</li> <li>ii) In section 2,3, there is no equations number like (2), (3)... in text. Author's used eqns number like (2.1),(2.2)... keep one format.</li> <li>iii) The author's not addressed Skin friction, heat and mass transfer rates in results and discussion part.(add it).</li> <li>iv) The author not given physical reasons for some parameter in discussion part?</li> <li>v) References are not matched check one-one mapping.(Raju et.al 2016)</li> </ul>	
<b>Minor</b> REVISION comments	<ul style="list-style-type: none"> <li>i) The above said mistakes are only a few. There are still some grammatical and typing mistakes are found in the manuscript. The authors should carefully revise the manuscript rectifying all such mistakes.</li> </ul>	
<b>Optional/General</b> comments	<ul style="list-style-type: none"> <li>i). Update the manuscript with the following suitable references                      1)G Kumaran, N Sandeep, R Vijayaragavan Melting heat transfer in magnetohydrodynamic radiative Williamson fluid flow with non-uniform heat source/sink, Materials Science and Engineering Conference Series 263 (6), 062022. 2)G Kumaran, OD Makinde, R Sivaraj Unsteady Magnetohydrodynamic Flow Past a Slendering Stretching Surface with Thermophoresis and Brownian Motion Defect and Diffusion Forum 387, 653-665.                      3) G. Kumaran, N Sandeep, IL Animasoun Computational modeling of magnetohydrodynamic non-Newtonian fluid flow past a paraboloid of revolution Alexandria engineering journal 57 (3), 1859-1865.</li> </ul>	

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	



[SDI Review Form 1.6](#)

**Reviewer Details:**

Name:	<b>G Kumaran</b>
Department, University & Country	<b>Vellore Institute of Technology, India</b>