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Journal Name:	Asian Journal of Chemical Sciences
Manuscript Number:	Ms_AJOCS_31015
Title of the Manuscript:	Numerical study of Soret, Dufour and Viscous dissipation parameter's Effects on steady magnetohydrodynamic Casson fluid flow through non-Darcy porous media
Type of the Article	<u>Original Research Article</u>

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.

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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)
<u>Compulsory</u> REVISION comments	Equation (5) – one delimiter is to be removed. Graphs showing the effect of 'n1' on the variables is missing. References are not in standard format	Sir, thank you for your valuable comments on the research work. According to your instruction changes have been done in the work. In equation (5) delimiters have been removed. Graphs showing the effects of n1 on the flow of fluid, energy, and concentration have been presented in second part of this work. References written in unique standard format. In figures (25) and (26) it is difficult to determine exact point of inflexion by analytical method. But according to the change in slope it can be said that it profiles possess point of inflexions in some range of similarity variable. And so this view is brought in the analysis. n1=2 represents nonlinearity of the boundary surface. It is just one particular case of nonlinearity. We can also consider other values of n1 different from 1, and those will also be the nonlinear cases. In the forthcoming work, I shall try to consider the case of comparing the present values of b with the case when b tends to infinity (the case



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		for Newtonian fluid)
<u>Minor</u> REVISION comments	It would be useful to the reader if the authors can throw light on the possible occurrence of point of inflexion in Fig (25) and (26). Pl. give reason why only 'n1=2' case has been taken in this study? A table presenting the values of the variables in the present study for different values of 'b' and then comparing the values with that of the Newtonian fluid as $b \rightarrow \infty$ can also be presented.	
<u>Optional/General</u> comments		