



SDI Review Form 1.6

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_38595
Title of the Manuscript:	MHD Stagnation Point-Flow of Micropolar fluids Past a Permeable Stretching Plate in Porous Media with Thermal Radiation, Chemical Reaction and Viscous Dissipation
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	The paper is interesting and well organised. But before acceptance of this paper, the authors should clear the following points for improvement of the paper. This work has already been done, so what is the point of doing the same? Separate your new results or conclusions from the old ones. The authors should validate the results with the physics of the fluid. For instance, Why velocity of the fluid decreases by increasing the Darcy parameter (Fig. 7) etc. The results should be validated with the results available in the literature available. For the improvement of the introductory part, the authors should introduce the following references: 1. Ajaz Ahmad Dar and K. Elangovan: Impact of an inclined magnetic field, heat generation or absorption and radiation on the peristaltic flow of a Micropolar fluid through a porous non-uniform channel with slip velocity. New Trends in Mathematical Sciences. 5(3), 227-244, (2017). 2. Ajaz Ahmad Dar and K. Elangovan: Thermal diffusion, radiation and inclined magnetic field effects on oscillatory flow in an asymmetric channel in presence of heat source and chemical reaction. Journal of Nigerian Mathematical Society, Vol. 35, No. 3, pp. 488-509, (2016). 3. Ajaz Ahmad Dar and K. Elangovan: Inclined Magnetic Field and Thermal Radiation Effect on Electroosmotic Flow of a Micropolar fluid through a Porous Micro-Channel. Journal of Advanced Mathematics and Applications. Vol. 6, 1–12, 2017. 4. Ajaz Ahmad Dar and K. Elangovan: Influence of an inclined magnetic field and rotation on the peristaltic flow of a micropolar fluid in an inclined channel. Hindawi Publishing Corporation, New Journal of Science, Volume 2016, Article ID 5717542, 14 pages, http://dx.doi.org/10.1155/2016/5717542. 5. Ajaz Ahmad Dar and K. Elangovan: Influence of an inclined magnetic field on Heat and Mass transfer of the peristaltic flow of a couple stress fluid in an inclined channel. World Journal of Engineering, Vol. 14, Issue 1, pp. 7-18. https://doi.org/10.1108/WJE-11-2016-0124 6. Ajaz Ahmad Dar and K. Elangovan: Effect of inclined magnetic field on the oscillatory flow of micropolar fluid in a porous microchannel under the action of alternating electric field. World Journal of Engineering Research and Technology, Vol. 2, Issue 6, pp. 125-145, (2016). 7. Ajaz Ahmad Dar and K. Elangovan: Influence of an External Magnetic Field on the Peristaltic Flow of a Couple Stress Model of Blood Flow through a Porous Medium. International Journal of Mathematical Modelling & Computations. Vol. 07, No. 01, Spring 2015, 55- 65.	This study has not been exactly done before considering the same parameters The results were already validated in Table 1. The tightness of the porous medium causes a resistance against the flow and thus reduces the fluid velocity. The introductory part has been improved with the addition of some of the suggested articles.
Minor REVISION comments		
Optional/General comment		