



SDI Review Form 1.6

Journal Name:	<u>British Journal of Mathematics & Computer Science</u>
Manuscript Number:	Ms_BJMCS_29454
Title of the Manuscript:	Three dimensional MHD Casson fluid flow over an exponential stretching sheet with the effects of heat generation and mixed convection
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)
<u>Compulsory</u> REVISION comments	Author(s) investigated steady flow of three-dimensional Casson fluid in the presence of heat source. The surface is assumed to be exponentially stretched. The aim and objectives of the research is novel. However, there are minor typo/grammatical errors. Authors should consider all the corrections and suggestions in the attached manuscript. 1. Remove mixed convection from the title. Looking at Eq. 2 and Eq. 3, it is noticed that the fluid flow is NOT mixed convection but free convection. To further understand this common errors, read Ref: Double diffusive unsteady convective micropolar flow past a vertical porous plate moving through binary mixture using modified Boussinesq approximation, Ain Shams Engineering Journal 7(2), 755-765. 2. On Page 2, authors should assign Equation numbers to all the boundary conditions. 3. The boundary conditions are not properly written. In fact, for 3-dimensional flow, all the conditions at the wall and at the free stream must be stated properly. 4. Similarity transformations should be stated properly. Also add equation number to these variables.	Thank you very much for the information. I will follow your suggestions. I want some clear explanation about mixed convection. Ref: Three-Dimensional Mixed Convection Flow of Viscoelastic Fluid with Thermal Radiation and Convective Conditions, Plos one 9(3),2014.



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	5. Update the second paragraph with the following recent published articles on Casson fluid flow Sandeep, N., Koriko, O. K., & Animasaun, I. L. (2016). Modified kinematic viscosity model for 3D-Casson fluid flow within boundary layer formed on a surface at absolute zero. Journal of Molecular Liquids, 221, 1197-1206. Effects of thermophoresis, variable viscosity and thermal conductivity on free convective heat and mass transfer of non-Darcian MHD dissipative Casson fluid flow with suction and nth order of chemical reaction. Journal of the Nigerian Mathematical Society, 34(1), 11-31. Casson Fluid Flow with Variable Viscosity and Thermal Conductivity along Exponentially Stretching Sheet Embedded in a Thermally Stratified Medium with Exponentially Heat Generation, Journal of Heat and Mass Transfer Research 2 (2015) 63-78. Casson fluid flow with variable thermo-physical property along exponentially stretching sheet with suction and exponentially decaying internal heat generation using the homotopy analysis method. Journal of the Nigerian Mathematical Society, 35(1), 1-17.	
<u>Minor</u> REVISION comments	See attached document.	
<u>Optional/General</u> comments	See attached document.	