



SDI Review Form 1.6

Journal Name:	<u>British Journal of Mathematics & Computer Science</u>
Manuscript Number:	Ms_BJMCS_30673
Title of the Manuscript:	Mhd Flow past a Semi-Infinite Plate with Temperature Dependent Viscosity and Thermal Conductivity
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 deals with effectively model the effects of variable viscosity and thermal conductivity on the unsteady hydromagnetic boundary layer flow past a semiinfinite plate when the oncoming free stream is perturbed by an arbitrary function of time and applied magnetic field is far from and parallel to the plate. The result pertaining to the present study indicate that the temperature dependent fluid viscosity and thermal conductivity play an important role in skin friction factor, surface magnetic field and plate temperature. The effects of magnetic parameters on the flow field are apparent. The following references should be added in this direction as: 1. V.N. Mishra, Some Problems on Approximations of Functions in Banach Spaces, Ph.D. Thesis (2007), Indian Institute of Technology, Roorkee 247 667, Uttarakhand, India. 2. L.N. Mishra, R.P. Agarwal, On existence theorems for some nonlinear functional-integral equations, Dynamic Systems and Applications, Vol. 25, (2016), pp. 303-320. 3. L. N. Mishra, R. P. Agarwal, M. Sen, Solvability and asymptotic behavior for some nonlinear quadratic integral equation involving Erd\$\\acute{\\mbox{e}}\$-Kober fractional integrals on the unbounded interval, Progress in Fractional Differentiation and Applications Vol. 2, No. 3 (2016), 153-168.	



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	4. Deepmala, A Study on Fixed Point Theorems for Nonlinear Contractions and its Applications, Ph.D. Thesis (2014), Pt. Ravishankar Shukla University, Raipur 492 010, Chhatisgarh, India. 5. Deepmala and H. K. Pathak, A study on some problems on existence of solutions for nonlinear functional-integral equations, Acta Mathematica Scientia, 33 B(5) (2013), 1305–1313.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

Reviewer Details:

Name:	<i>Lakshmi Narayan Mishra</i>
Department, University & Country	<i>Dept. of Mathematics, Mody University, Lakshmangarh, Sikar Road, Sikar, Rajasthan, India</i>