



SDI Review Form 1.6

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_42677
Title of the Manuscript:	Numerical study of temperature dependent viscosity and thermal conductivity on a natural convection flow over a sphere in presence of magneto hydrodynamics
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>)

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		
Minor REVISION comments		
Optional/General comments	The paper presents the studies of numerical temperature effects for viscosity and thermal conductivity in natural convective flow of electro-conductive fluid over the isothermal sphere in presence of magnetic/hydrodynamic one. Viscosity is accepted as a linear function of temperature. But the elasticity of the sphere (not taken into account) gives non-linear relaxation effects in heterogeneous equilibrium. The boundary conditions are the sub-phase in equation solution for viscous sensitivity/ (V.I. Popkov). The paper is valid as it illustrates the method of convective transfer to the scaled levels of conjugated computational solutions	

Reviewer Details:

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