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Journal Name:	**Asian Research Journal of Mathematics**
Manuscript Number:	**Ms_ARJOM_46135**
Title of the Manuscript:	**Effect of Vadasz Number on Magnetoconvection in a Darcy Porous Layer With Concentration Based Internal Heating**
Type of the Article	

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	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	1) $\vec{g}$ acts vertically downwards 2) induced magnetic = magnetic induction? 3) group the pieces in Figure 1a (this Figure must be named as Figure 1) 4) **Revise the text after Eq. (1)** By taking into account the Lorentz force and acceleration coefficient, while in the governing equations viscous heating effect (this text is without sense) 5) $Q_0 \frac{Q}{(\rho c_p)_f}$ is really thermal conductivity? 6) **The definition of the variables should be after the Equations** 7) **cite some reference to the governing equations** 8) Under the boundary conditions (19), the integration of Equations (16)-(18) yield (This text was inside the frame of equations) 9) **Equations (26), (28) are of greater sizes than the others Equations** 10) **Verify the alignment of the Equations numbers** 11) **The length of Equation (40) is beyond the margin. I suggest the use of Mathtype for construct the equation** 12) **Figures of Results must be named as Figures 2-9.** 13) **Check if the conclusion in the Abstract is not in conflict with the general conclusion in Item 5 for the Vadasz number.** **Abstracat:** The results show that, the presence of Vadasz number destabilizes the system, … **Discussion of Figure 8:** The result shows increase in Vadasz number increases the thermal Rayleigh number which indicates that Vadasz number delays the onset of instability in the system.	1. The acceleration due to gravity usually acts downwards. 2. This is corrected to induced magnetic field. 3. Figure 1 is now properly named, with the pieces properly positioned 4. Text revised. 5. Corrected to heat source term, (see the expression) 6. Done 7. References cited 8. Text taken out of the frame of equations 9. The font size now equal to other equations. 10. Equation numbers corrected accordingly 11. Corrected 12. Done. 13. The abstract is corrected.
Minor REVISION comments		
Optional/General 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)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	