Dr. AAQIB MAJEED

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PERSONAL INFORMATION

Father's Name	Abdul Majeed (Sitara-i-Imtiaz)
Date of Birth	20-12-1980
N.I.C No	61101-3880482-1
Marital Status	Married

GENERAL EDUCATION

PhD [2017] **APPLIED MATHEMATICS**
INTERNATIONAL ISLAMIC UNIVERSITY ISLAMABAD
Published article=28, IF=50
HEC Approved Supervisor

M.Phil [2007] **MATHEMATICS**
GOVERNMENT COLLEGE UNIVERSITY FAISALABAD

M.Sc [2003] **MATHEMATICS**
UNIVERSITY OF THE PUNJAB

PROFESSIONAL EXPERIENCE

- Currently I am working as Assistant Professor at Department of Mathematics & Statistics, **Bacha Khan University, Charsadda**.
- Taught Mathematics as a visiting Faculty member in Faculty of Engineering Science and Technology at **International Islamic University Islamabad**.
- Taught as a visiting faculty member in the Department of Mathematics and Statistic at **International Islamic University Islamabad.**
- **10** year teaching experience as Lecture in **Uswa College Islamabad**.

PUBLISHED RESEARCH ARTICLES

1. **Majeed**, A., Zeeshan, A., Bhatti, M.M., Ellahi, E. (2020). Heat transfer in magnetite (Fe3O4) nanofluid suspended with conventional fluids refrigerant-134a (C2H2F4), kerosene (C10H22) and water (H2O) under the impact of dipole. *Heat Transfer Research*, 51(3), 217–232.

2. **Majeed**, A., Amin, N., Zeeshan, A., Ellahi, R., Sait, S.M. and Vafai, K. (2020). Numerical investigation on activation energy of chemically reactive heat transfer unsteady flow with multiple slips. *International Journal of Numerical Methods for Heat & Fluid Flow*.

3. **Majeed**, A., Zeeshan, A, Amin, N, Ijaz, N, Saeed, T. (2020). Thermal analysis of radiative bioconvection magnetohydrodynamic flow comprising gyrotactic microorganism with activation energy, *Journal of Thermal Analysis and Calorimetry, 1-12*

4. **Majeed**, A., Zeeshan, A., & Mubbashir, S. (2019). Vibration analysis of carbon nanotubes based on cylindrical shell by inducting Winkler and Pasternak foundations. *Mechanics of Advanced Materials and Structures*, *26*(13), 1140-1145.

5. **Majeed**, A., Zeeshan, A., & Noori, F. M. (2019). Numerical study of Darcy-Forchheimer model with activation energy subject to chemically reactive species and momentum slip of order two. *AIP Advances*, *9*(4), 045035.

6. **Majeed,** A., Zeeshan, A., Mahmood, T., Rahman, S. U., & Khan, I. (2019). Impact of magnetic field and second-order slip flow of casson liquid with heat transfer subject to suction/injection and convective boundary condition. *Journal of Magnetics*, *24*(1), 81-89.

7. **Majeed**, A., Zeeshan, A., Xu, H., Kashif, M., & Masud, U. (2019). Heat transfer analysis of magneto-Eyring–Powell fluid over a nonlinear stretching surface with multiple slip effects: Application of Roseland's heat flux. *Canadian Journal of Physics*, *97*(12), 1253-1261..

8. **Majeed,** A., Zeeshan, A., & Hayat, T. (2019). Analysis of magnetic properties of nanoparticles due to applied magnetic dipole in aqueous medium with momentum slip condition. *Neural Computing and Applications*, *31*(1), 189-197..

9. **Majeed,** A., Zeeshan, A., & Noori, F. M. (2019). Analysis of chemically reactive species with mixed convection and Darcy–Forchheimer flow under activation energy: a novel application for geothermal reservoirs. *Journal of Thermal Analysis and Calorimetry*, 1-11.

10. **Majeed**, A., Zeeshan, A., Noori, F. M., & Masud, U. (2019). Influence of rotating magnetic field on Maxwell saturated ferrofluid flow over a heated stretching sheet with heat generation/absorption. *Mechanics & Industry*, *20*(5), 502.

11. Hassan, M., Fetecau, C., **Majeed**, A., & Zeeshan, A. (2018). Effects of iron nanoparticles' shape on convective flow of ferrofluid under highly oscillating magnetic field over stretchable rotating disk. *Journal of Magnetism and Magnetic Materials*, *465*, 531-539.

12. Zeeshan, A., **Majeed**, A., Ellahi, R., & Zia, Q. M. Z. (2018). Mixed convection flow and heat transfer in ferromagnetic fluid over a stretching sheet with partial slip effects. *Thermal Science*, *22*(6 Part A), 2515-2526.

13. Sheikholeslami, M., Zeeshan, A., & **Majeed**, A. (2018). Control volume based finite element simulation of magnetic nanofluid flow and heat transport in non-Darcy medium. *Journal of Molecular Liquids*, *268*, 354-364.

14. **Majeed**, A., Zeeshan, A., & Gorla, R. S. R. (2018). Convective heat transfer in a dusty ferromagnetic fluid over a stretching surface with prescribed surface temperature/heat flux including heat source/sink. *Journal of the National Science Foundation of Sri Lanka*, *46*(3).

15. **Majeed**, A., Noori, F. M., Zeeshan, A., Mahmood, T., Rehman, S. U., & Khan, I. (2018). Analysis of activation energy in magnetohydrodynamic flow with chemical reaction and second order momentum slip model. *Case studies in thermal engineering*, *12*, 765-773.

16. Ellahi, R., Alamri, S. Z., Basit, A., & **Majeed,** A. (2018). Effects of MHD and slip on heat transfer boundary layer flow over a moving plate based on specific entropy generation. *Journal of Taibah University for Science*, *12*(4), 476-482.

17. Zeeshan, A., Ijaz, N., & **Majeed**, A. (2018). Analysis of magnetohydrodynamics peristaltic transport of hydrogen bubble in water. *International Journal of Hydrogen Energy*, *43*(2), 979-985.

18. Hassan, M., Zeeshan, A., **Majeed,** A., & Ellahi, R. (2017). Particle shape effects on ferrofuids flow and heat transfer under influence of low oscillating magnetic field. *Journal of Magnetism and Magnetic Materials*, *443*, 36-44.

19. Rehman, S. U., Zeeshan, A., **Majeed**, A., & Arain, M. B. (2017). Impact of Cattaneo-Christov heat flux model on the flow of Maxwell ferromagnetic liquid along a cold flat plate embedded with two equal magnetic dipoles. *J. Magn*, *22*(3), 472-477.

20. **Majeed**, A., Zeeshan, A., & Ellahi, R. (2017). Chemical reaction and heat transfer on boundary layer Maxwell Ferro-fluid flow under magnetic dipole with Soret and suction effects. *Engineering science and technology, an international journal*, *20*(3), 1122-1128.

21. Zeeshan, A., **Majeed**, A., Fetecau, C., & Muhammad, S. (2017). Effects on heat transfer of multiphase magnetic fluid due to circular magnetic field over a stretching surface with heat source/sink and thermal radiation. *Results in physics*, *7*, 3353-3360.

22. **Majeed**, A., Zeeshan, A., & Ellahi, R. (2016). Unsteady ferromagnetic liquid flow and heat transfer analysis over a stretching sheet with the effect of dipole and prescribed heat flux. *Journal of Molecular Liquids*, *223*, 528-533.

23. Zeeshan, A., & **Majeed**, A. (2016). Heat transfer analysis of Jeffery fluid flow over a stretching sheet with suction/injection and magnetic dipole effect. *Alexandria Engineering Journal*, *55*(3), 2171-2181.

24. Zeeshan, A., & **Majeed**, A. (2016). Effect of magnetic dipole on radiative non-Darcian mixed convective flow over a stretching sheet in porous medium. *Journal of Nanofluids*, *5*(4), 617-626.

25. Zeeshan, A., & **Majeed**, A. (2016). Non Darcy mixed convection flow of magnetic fluid over a permeable stretching sheet with Ohmic dissipation. *Journal of Magnetics*, *21*(1), 153-158.

26. Zeeshan, A., **Majeed**, A., & Ellahi, R. (2016). Effect of magnetic dipole on viscous ferro-fluid past a stretching surface with thermal radiation. *Journal of Molecular liquids*, *215*, 549-554.

27. **Majeed**, A., Zeeshan, A., Rashidi, M. M., & Arain, M. B. (2016). Stagnation Point Flow of Ferromagnetic Particle-Fluid Suspension over a Stretching/Shrinking Surface in a Porous Medium with Heat Source/Sink. *Caspian Journal of Applied Sciences Research*, *5*(3).

28. **Majeed**, A., Zeeshan, A., Alamri, S. Z., & Ellahi, R. (2018). Heat transfer analysis in ferromagnetic viscoelastic fluid flow over a stretching sheet with suction. *Neural Computing and Applications*, *30*(6), 1947-1955.

EXTRA-CURRICULAR ACTIVITIES

- Organized 3rd National Conference on Mathematical Sciences from 27-28 April 2017 at Allama Iqbal Auditorium, Faisal Mosque Campus (old Campus) IIUI, Islamabad, Pakistan.

M.PHIL/MS SUPERVISION (Completed)

1. Unsteady MHD chemically reactive flow and heat transfer towards a permeable surface with multiple slip effects, (Noor ul Amin) 2019.
2. MHD flow and heat transfer over a porous stretching sheet under the influence of thermal radiation (Muhammad Ismail) 2019.

In Progress

1. Melting Heat Transfer in the Stagnation Point Flow of Powell–Eyring Nanofluid (Wisal Khan)
2. Three-dimensional flow of nanofluid with Cattaneo–Christov double diffusion (Taimure)
3. Flow and heat transfer of SWCNT and MWCNT carbon nanotubes over a stretchable surface (Sajjad Khan)