RAYALASEEMA UNIVERSITY

(A State University Established by Govt. of Andhra Pradesh)

(Accredited by NAAC with 'B' Grade)

KURNOOL – 518007, ANDHRA PRADESH

FACULTY PROFILE

<table>
<tr><td>1</td><td>Name of the Faculty</td><td>:</td><td colspan="2">DR. M.VEERA KRISHNA</td><td colspan="2" rowspan="5"></td></tr>
<tr><td>2</td><td>Designation</td><td>:</td><td colspan="2">ASSISTANT PROFESSOR (C)</td></tr>
<tr><td>3</td><td>Department</td><td>:</td><td colspan="2">MATHEMATICS</td></tr>
<tr><td>4</td><td>Date of Birth</td><td>:</td><td colspan="2">04-06-1978</td></tr>
<tr><td>5</td><td>Date of Joining</td><td>:</td><td colspan="2">01-10-2001</td></tr>
<tr><td rowspan="5">6</td><td>Academic Qualifications</td><td></td><td>UG Degree</td><td colspan="2">PG Degree</td><td>Research Degree</td></tr>
<tr><td>Name of the Degree</td><td>:</td><td>B.Sc.,</td><td colspan="2">M.Sc.,</td><td>Ph.D.,</td></tr>
<tr><td>Class / Grade Awarded</td><td>:</td><td>Distinction</td><td colspan="2">First</td><td>First</td></tr>
<tr><td>Board / University</td><td>:</td><td>S.K. University</td><td colspan="2">S.K. University</td><td>S.K. University</td></tr>
<tr><td>Year of receiving Degree</td><td>:</td><td>1998</td><td colspan="2">2001</td><td>2008</td></tr>
<tr><td>7</td><td>Areas of Specialization</td><td>:</td><td colspan="4">Fluid Dynamics: MHD Flows and Convection in Porous Media</td></tr>
<tr><td rowspan="2">8</td><td rowspan="2">Total Experience (Yrs.)</td><td rowspan="2">:</td><td>Teaching</td><td colspan="2">Industry</td><td>Total</td></tr>
<tr><td>24</td><td colspan="2">0</td><td>24</td></tr>
<tr><td rowspan="2">9</td><td rowspan="2">Papers Presented</td><td rowspan="2">:</td><td>National</td><td colspan="2">International</td><td>Total</td></tr>
<tr><td>9</td><td colspan="2">25</td><td>34</td></tr>
<tr><td rowspan="3">10</td><td>Research Publications</td><td>:</td><td>Journals</td><td colspan="2">Conferences Proceedings</td><td>Books / Chapters</td></tr>
<tr><td>National Level</td><td>:</td><td>016</td><td colspan="2">0</td><td>0</td></tr>
<tr><td>International Level</td><td>:</td><td>100</td><td colspan="2">10</td><td>2/4</td></tr>
<tr><td rowspan="3">11</td><td>Participation in</td><td></td><td>Seminars</td><td colspan="2">Conferences</td><td>Workshops</td></tr>
<tr><td>National Level</td><td>:</td><td>0</td><td colspan="2">0</td><td>9</td></tr>
<tr><td>International Level</td><td>:</td><td>0</td><td colspan="2">0</td><td>0</td></tr>
<tr><td>12</td><td>Ph.Ds. / Projects Guided</td><td>:</td><td>Completed:</td><td>4/0</td><td>Ongoing:</td><td>0</td></tr>
<tr><td>13</td><td>Research Projects handled</td><td>:</td><td>Major:</td><td>0</td><td>Minor:</td><td>0</td></tr>
<tr><td>14</td><td>Fellowships / Memberships</td><td>:</td><td colspan="4">Indian Society of Theoretical and Applied Mechanics (ISTAM) – Life member</td></tr>
<tr><td>15</td><td>Awards / Achievements / Any other information</td><td>:</td><td colspan="4">1. Prof. R. Sitharamaswamy Endowment Prize for M.Sc., First Rank from S.K. University, Anantapur, India.
2. First Rank, RESCET 2003, S.K.University, Anantapur, AP.
3. APSET – 2016 Qualified
4. Best Scientist Award in "ICAPM 2018," Organized by School of Mathematics, Madurai Kamaraj University, Madurai, Tamilanadu, India and IMRF, Vijayawada, Andhra Pradesh.</td></tr>
</table>

			5. World Scientist Rank from three consecutive years 2023, 2024, 2025. (India Rank : 65 and Asia Rank 351) 6. Top 2% Most influenced Scientists in 2023, Stanford university. 7. Editor of "Journal of Nanofluids", American Scientific Publishers, USA form 2021 to till date. 8. Worked as In-charge, Dept. of Mathematics from 2009-2013 and as Deputy Warden for "Mens Hostels" from 2023 to 2024. 9. Published a paper in "**Journal of Ocean Engineering and Science (Elsevier)**" with high "**Impact factor – 13**". https://doi.org/10.1016/j.joes.2019.05.002	
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			9849650682	veerakrishna_maths@yahoo.com mvkruknl@gmail.com

17	**List of Publications /Chapters/Books** **(APA Format)**		See below

International Journal Publications

1. Krishna, M.V. (2025). Diffusion-thermo, thermo-diffusion, Hall and ion slip effects on MHD flow through a porous medium in a rotating channel. *Chemical Physics, 593*, 112623. https://doi.org/10.1016/j.chemphys.2025.112623
2. Krishna, M.V., & Reddy, B.P. (2025). Thermal radiation, heat source, and chemical reaction impacts on MHD convective flow of Casson fluid past an infinite inclined oscillating vertical porous plate. *Multiscale and Multidisciplinary Modelling Experiment and Design, 8*, 196. https://doi.org/10.1007/s41939-025-00774-7
3. Venkateswarlu, S., Hari Babu, B., & Krishna, M.V. (2025). Effects of heat generation and absorption on thermal radiative MHD flow of chemically reacting Casson nanofluids over a wedge. *Case Studies in Thermal Engineering, 65*, 105637. https://doi.org/10.1016/j.csite.2024.105637
4. Krishna, M.V., Swarnalathamma, B.V., & Bharathi, K. (2025). Thermal radiation, Newtonian heating, Hall and ion slip effects on unsteady MHD rotating convective flow of Casson fluid past an infinite smooth vertical porous surface. *Results in Engineering, 25*, 103588. https://doi.org/10.1016/j.rineng.2024.103588
5. Harikrushna, M., Rao, G.P., & Krishna, M.V. (2025). Soret and Dufour effects on the magnetohydrodynamic free convective flow of Maxwell nanofluid past an infinite stretching sheet. *Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 239(1)*, 151-157. https://doi.org/10.1177/09544089231172163
6. Gayathri, M., Hari Babu, B., & Krishna, M.V. (2025). Soret and Dufour effects on unsteady MHD convection flow over an infinite vertical porous plate. *Modern Physics Letters B, 39(9)*, 2450449. https://doi.org/10.1142/S0217984924504499
7. Krishna, M.V., & Rajasekhar, E. (2024). Extreme electromagnetic rotation, chemical reaction, Hall and ion slip effects on weakly ionized fluid in a Riga channel. *Results in Engineering, 24*, 103169. https://doi.org/10.1016/j.rineng.2024.103169
8. Sekhar, B.C., Kumar, P.V., & Krishna, M.V. (2024). Chemical reaction, thermal radiation, and Newtonian heating impacts on unsteady MHD rotating Casson fluid flow past an infinite vertical porous surface. *International Journal of Applied and Computational Mathematics, 10*, 157. https://doi.org/10.1007/s40819-024-01788-4

9. Hari Babu, B., Swarnalathamma, B.V., & Krishna, M.V. (2024). Chemical reaction, slip effects, and nonlinear thermal radiation on unsteady MHD Jeffreys nanofluid flow over a stretching sheet. *Case Studies in Thermal Engineering, 61*, 105016. https://doi.org/10.1016/j.csite.2024.105016
10. Kumar, S.A.A., Sreedhar, S., Gayathri, M., & Krishna, M.V. (2024). Darcy–Forchheimer modeling on unsteady MHD convection flow of hybrid nanofluids (CNTs–Al2O3/H2O) over a stretching sheet. *Z Angewandte Mathematik und Mechanik (ZAMM), 104*, e202300800. https://doi.org/10.1002/zamm.202300800
11. Sekhar, B.C., Kumar, P.V., & Krishna, M.V. (2024). Chemical reaction, Soret, and Dufour impacts on magnetohydrodynamic (MHD) convective Casson fluid over a vertical absorbent plate with ramped wall temperature and ramped surface concentration. *Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 239*, xxx-xxx. https://doi.org/10.1177/09544089241259642
12. Kumar, S.A.A., Sreedhar, S., & Krishna, M.V. (2024). Heat and mass transfer on unsteady MHD convective flow through a porous medium between two vertical plates with chemical reaction. *Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 238(4)*, 1665-1675. https://doi.org/10.1177/09544089231160877
13. Krishna, M.V., & Kumar, A.G. (2024). Chemical reaction, slip effects, and non-linear thermal radiation on unsteady MHD Jeffreys nanofluid flow over a stretching sheet. *Case Studies in Thermal Engineering, 55*, 104129. https://doi.org/10.1016/j.csite.2024.104129
14. Krishna, M.V. (2024). Hall and ion slip effects on MHD flow of Casson hybrid nanofluid past an infinite exponentially accelerated vertical porous surface. *Waves in Random and Complex Media, 34(5)*, 4658-4687. https://doi.org/10.1080/17455030.2021.1998727
15. Krishna, M.V., & Vajravelu, K. (2024). Rotating MHD flow of second-grade fluid through a porous medium between two vertical plates with chemical reaction, radiation-absorption, Hall and ion slip impacts. *Biomass Conversion and Biorefinery, 14*, 8745-8759. https://doi.org/10.1007/s13399-022-02802-9
16. Krishna, M.V. (2024). Hall and ion slip effects and chemical reaction on MHD rotating convective flow past an infinite vertical porous plate with ramped wall and uniform wall temperatures. *Biomass Conversion and Biorefinery, 14*, 11647-11664. https://doi.org/10.1007/s13399-022-03160-2
17. Gopal, C.H.K., Sudhakar, M., Rao, S.M., & Krishna, M.V. (2024). Chemical reaction on unsteady MHD convection flow of second-grade fluid over an unbounded perpendicular absorbent plate. *Advances in Materials and Processing Technologies, 10(3)*, 2263-2285. https://doi.org/10.1080/2374068X.2023.2212476
18. Sekhar, B. C., Kumar, P. V., & Krishna, M. V. (2023). Changeable heat and mass transport on unsteady MHD convective flow past an infinite vertical porous plate. *Journal of Heat and Mass Transfer Research, 10(2)*, 207-222. https://doi.org/10.22075/JHMTR.2023.31618.1469

19. Krishna, M.V., Swarnalathamma, B.V., & Praveen Babu, D.M. (2023). Chemical reaction on MHD convective flow through a vertical porous channel with non-uniform wall temperature. *Modern Physics Letters B, 37(24)*, 2350091. https://doi.org/10.1142/S0217984923500914
20. Krishna, M.V., & Chamkha, A.J. (2023). Hall and ion slip impacts on unsteady MHD convective flow of Ag–TiO_2/WEG hybrid nanofluid in a rotating frame. *Current Nanoscience, 19(1)*, 15-32. https://doi.org/10.2174/1573413717666211018113823
21. Nagaraju, L., Kishan, N., & Krishna, M.V. (2023). Chemical reaction and Soret effects on MHD convective flow of second-grade fluid through an absorbent medium with ramped wall temperature and ramped surface concentration. *Indian Journal of Chemical Society, 100*, 100818. https://doi.org/10.1016/j.jics.2022.100818
22. Krishna, M.V. (2023). Hall effects on magnetohydrodynamic rotating flow through a porous medium in a parallel plate channel with various oscillations of pressure gradient. *Heat Transfer, 52(1)*, 236-266. https://doi.org/10.1002/htj.22693
23. Krishna, M.V. (2022). Numerical investigation on steady natural convective flow past a perpendicular wavy surface with heat absorption/generation. *International Communications in Heat and Mass Transfer, 139*, 106517. https://doi.org/10.1016/j.icheatmasstransfer.2022.106517
24. Krishna, M.V. (2022). Chemical reaction, heat absorption, and Newtonian heating on MHD free convective Casson hybrid nanofluids past an infinite oscillating vertical porous plate. *International Communications in Heat and Mass Transfer, 138*, 106327. https://doi.org/10.1016/j.icheatmasstransfer.2022.106327
25. Krishna, M.V. (2022). Analytical study of chemical reaction, Soret, Hall, and ion slip effects on MHD flow past an infinite rotating vertical porous plate. *Waves in Random and Complex Media, 32*, 1-30. https://doi.org/10.1080/17455030.2022.2044094
26. Krishna, M.V., & Chamkha, A.J. (2022). Thermo-diffusion, chemical reaction, Hall, and ion slip effects on MHD rotating flow of micropolar fluid past an infinite vertical porous surface. *International Journal of Ambient Energy, 43(1)*, 5344-5356. https://doi.org/10.1080/01430750.2021.1946146
27. Swarnalathamma, B.V., Babu, D.M.P., & Krishna, M.V. (2022). Combined impacts of radiation absorption and chemically reacting on MHD free convective Casson fluid flow past an infinite vertical inclined porous plate. *Journal of Computational Mathematics and Data Science, 5*, 100069. https://doi.org/10.1016/j.jcmds.2022.100069
28. Krishna, M.V., Ahammad, N.A., & Algehyne, E.A. (2022). Unsteady MHD third-grade fluid past an absorbent high-temperature shrinking sheet packed with silver nanoparticles and non-linear radiation. *Journal of Taibah University for Science, 16(1)*, 585-593. https://doi.org/10.1080/16583655.2022.2087396
29. Krishna, M.V., & Vajravelu, K. (2022). Hall effects on unsteady MHD flow of Rivlin-Ericksen fluid past an infinite vertical porous plate. *Waves in Random and Complex Media, 32*, 1-25. https://doi.org/10.1080/17455030.2022.2084178

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32. Ahammad, N.A., Krishna, M.V., & Aljohani, A.F. (2022). Hall effects on MHD chemically reacting flow of second-grade fluid past a vertical porous plate. *Heat Transfer, 51(4)*, 3696-3720. https://doi.org/10.1002/htj.22471
33. Krishna, M.V. (2021). Thermodiffusion, chemical reaction, Hall and ion-slip effects on MHD rotating flow past an infinite vertical porous plate. *Heat Transfer, 50(8)*, 8426-8452. https://doi.org/10.1002/htj.22283
34. Krishna, M. V. (2021). Hall and ion slip effects on radiative MHD rotating flow of Jeffreys fluid past an infinite vertical flat porous surface with ramped wall velocity and temperature. *International Communications in Heat and Mass Transfer, 126*, 105399. https://doi.org/10.1016/j.icheatmasstransfer.2021.105399
35. Krishna, M.V. (2021). Radiation absorption, chemical reaction, Hall and ion slip impacts on MHD free convective flow over a semi-infinite moving absorbent surface. *Chinese Journal of Chemical Engineering, 34*, 40-52. https://doi.org/10.1016/j.cjche.2020.12.026
36. Ahammad, N.A., & Krishna, M.V. (2021). Numerical investigation of chemical reaction, Soret, and Dufour impacts on MHD free convective gyrating flow through a vertical porous channel. *Case Studies in Thermal Engineering, 28*, 101571. https://doi.org/10.1016/j.csite.2021.101571
37. Krishna, M.V., Ahammad, N.A., & Chamkha, A.J. (2021). Hall effects on unsteady MHD flow of a nanofluid past an oscillatory vertical rotating flat plate embedded in a porous medium. *Journal of Nanofluids, 10(2)*, 259-269. https://doi.org/10.1166/jon.2021.1776
38. Krishna, M.V., Ahammad, N.A., & Chamkha, A.J. (2021). Radiative MHD flow of Casson hybrid nanofluid over an infinite exponentially accelerated vertical porous surface. *Case Studies in Thermal Engineering, 27*, 101229. https://doi.org/10.1016/j.csite.2021.101229
39. Krishna, M.V., Ahammad, N.A., & Aljohani, A.F. (2021). Heat and mass transfer in MHD boundary layer flow of a second-grade fluid past an infinite vertical permeable surface. *Heat Transfer, 50(6)*, 6022–6042. https://doi.org/10.1002/htj.22160
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41. Krishna, M.V., Ahammad, N.A., & Chamkha, A.J. (2021). Radiation absorption on MHD convective flow of nanofluids through a vertically traveling absorbent plate. *Ain Shams Engineering Journal, 12(3)*, 3043-3056. https://doi.org/10.1016/j.asej.2020.10.028

42. Krishna, M.V., & Chamkha, A.J. (2021). Hall and ion slip effects on magnetohydrodynamic convective rotating flow of Jeffreys fluid over an impulsively moving vertical plate embedded in a saturated porous medium with ramped wall temperature. *Numerical Methods for Partial Differential Equations, 37*, 2150-2177. https://doi.org/10.1002/num.22670
43. Krishna, M.V., Ahammad, N.A., & Chamkha, A.J. (2021). Numerical investigation on unsteady MHD convective rotating flow past an infinite vertical moving porous surface. *Ain Shams Engineering Journal, 10(4)*, 2099-2109. https://doi.org/10.1016/j.asej.2020.10.013
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45. Krishna, M.V., Reddy, M.G., & Chamkha, A.J. (2021). Heat and mass transfer on non-linear MHD flow through an oscillating infinite vertical porous surface. *Journal of Porous Media, 24(1)*, 81-100. https://doi.org/10.1615/JPorMedia.2020025021
46. Krishna, M.V. (2020). Hall and ion slip impacts on unsteady MHD free convective rotating flow of Jeffreys fluid with ramped wall temperature. *International Communications in Heat and Mass Transfer, 119*, 104927. https://doi.org/10.1016/j.icheatmasstransfer.2020.104927
47. Krishna, M.V. (2020). Mathematical modeling on diffusion and control of COVID-19. *Infectious Diseases Modelling, 5*, 588-597. https://doi.org/10.1016/j.idm.2020.08.009
48. Krishna, M.V. (2020). Hall and ion slip effects on MHD laminar flow of an elastic-viscous (Walter's-B) fluid. *Heat Transfer, 49(4)*, 2311–2329. https://doi.org/10.1002/htj.21722
49. Krishna, M.V. (2020). Hall and ion slip effects on MHD free convective rotating flow bounded by a semi-infinite vertical porous surface. *Heat Transfer, 49(4)*, 1920–1938. https://doi.org/10.1002/htj.21700
50. Krishna, M.V. (2020). Heat transport on steady MHD flow of copper and alumina nanofluids past a stretching porous surface. *Heat Transfer, 49(3)*, 1374-1385. https://doi.org/10.1002/htj.21667
51. Ahammad, N.A., Krishna, M.V., & Chamkha, A.J. (2020). Radiation-absorption and Dufour effects on magnetohydro dynamic rotating flow of a nanofluid over a semi-infinite vertical moving plate with a constant heat source. *Journal of Nanofluids, 9(3)*, 177-186. https://doi.org/10.1166/jon.2020.1743
52. Krishna, M.V., & Jyothi, K., & Chamkha, A.J. (2020). Heat and mass transfer on MHD flow of second-grade fluid through a porous medium over a semi-infinite vertical stretching sheet. *Journal of Porous Media, 23(8)*, 751-765. https://doi.org/10.1615/JPorMedia.2020023817
53. Krishna, M. V., & Prakash, J. (2020). Mathematical modeling on phase-based transmissibility of coronavirus. *Infectious Diseases Modelling, 5*, 375-385. https://doi.org/10.1016/j.idm.2020.06.005

54. Sadiq Basha, P.M., Krishna, M.V., & Nagarathna, N. (2020). Hall and ion slip effects on steady MHD convective flow through a porous medium in a vertical micro-channel. *Heat Transfer, 49(5)*, 4264-4280. https://doi.org/10.1002/htj.21826
55. Krishna, M.V., Ahammad, N.A., & Chamkha, A.J. (2020). Hall and ion slip effects on unsteady MHD free convective rotating flow through a saturated porous medium over an exponentially accelerated plate. *Alexandria Engineering Journal, 59*, 565-577. https://doi.org/10.1016/j.aej.2020.01.043
56. Krishna, M.V., & Chamkha, A.J. (2020). Hall and ion slip effects on MHD rotating flow of elastic-viscous fluid through a porous medium. *International Communications in Heat and Mass Transfer, 113*, 104494. https://doi.org/10.1016/j.icheatmasstransfer.2020.104494
57. Krishna, M.V., Sravanthi, C.S., & Gorla, R.S.R. (2020). Hall and ion slip effects on MHD rotating flow of ciliary propulsion of microscopic organisms through a porous medium. *International Communications in Heat and Mass Transfer, 112*, 104500. https://doi.org/10.1016/j.icheatmasstransfer.2020.104500
58. Krishna, M.V., & Chamkha, A.J. (2020). Hall and ion slip effects on unsteady MHD convective rotating flow of nanofluids - Application in Biomedical Engineering. *Journal of Egyptian Mathematical Society, 28(1)*, 1-15. https://doi.org/10.1186/s42787-019-0065-2
59. Krishna, M.V., Ahammad, N.A., & Chamkha, A.J. (2020). Heat and mass transfer on MHD convective flow of second-grade fluid through a vertical porous channel with non-uniform wall temperature. *Advanced Science, Engineering and Medicine, 12(3)*, 376-387. https://doi.org/10.1166/asem.2020.2534
60. Krishna, M.V. (2019). Hall effects on MHD flow of a visco-elastic fluid through a porous medium over an infinite oscillating porous plate with heat source and chemical reaction. *International Journal of Computer Aided Engineering & Technology, 11(6)*, 679-698. https://doi.org/10.1504/IJCAET.2019.102498
61. Krishna, M.V., & Chamkha, A.J. (2019). Hall and ion slip effects on MHD rotating boundary layer flow of nanofluid past an infinite vertical plate embedded in a porous medium. *Results in Physics, 15*, 102652. https://doi.org/10.1016/j.rinp.2019.102652
62. Krishna, M.V., Swarnalathamma, B.V., & Chamkha, A.J. (2019). Investigations of Soret, Joule, and Hall effects on MHD rotating mixed convective flow past an infinite vertical porous plate. *Journal of Ocean Engineering and Science, 4(3)*, 263-275. https://doi.org/10.1016/j.joes.2019.05.002
63. Krishna, M.V., Anand, P.V.S., & Chamkha, A.J. (2019). Heat and mass transfer on free convective flow of a micropolar fluid through a porous surface with inclined magnetic field and Hall effects. *Special Topics & Reviews in Porous Media: An International Journal, 10(3)*, 203-223. https://doi.org/10.1615/SpecialTopicsRevPorousMedia.2018026943
64. Krishna, M.V., & Chamkha, A.J. (2019). MHD peristaltic rotating flow of a couple stress fluid through a porous medium with wall and slip effects. *Special Topics & Reviews in Porous Media: An International Journal, 10(3)*, 245-258. https://doi.org/10.1615/SpecialTopicsRevPorousMedia.2019028609

65. Krishna, M.V., & Chamkha, A.J. (2019). Hall effects on MHD squeezing flow of a water-based nanofluid between two parallel disks. *Journal of Porous Media, 22(2)*, 209-223. https://doi.org/10.1615/JPorMedia.2018028721
66. Krishna, M.V., Reddy, M.G., & Chamkha, A.J. (2019). Heat and mass transfer on MHD rotating flow of second-grade fluid past an infinite vertical plate embedded in a uniform porous medium with Hall effects. *International Journal of Fluid Mechanics Research, 46(1)*, 1-25. https://doi.org/10.1615/InterJFluidMechRes.2018025004
67. Krishna, M.V., & Reddy, G.S. (2019). Unsteady MHD reactive flow of second-grade fluid through a porous medium in a rotating parallel plate channel. *The Journal of Analysis, 27(1)*, 103-120. https://doi.org/10.1007/s41478-018-0108-3
68. Krishna, M.V., & Jyothi, K. (2019). Heat and mass transfer on MHD rotating flow of a visco-elastic fluid through a porous medium with time-dependent oscillatory permeability. *The Journal of Analysis, 27(1)*, 643-662. https://doi.org/10.1007/s41478-018-0099-0
69. Krishna, M.V., & Chamkha, A.J. (2018). Hall effects on unsteady MHD flow of second-grade fluid through a porous medium with ramped wall temperature and ramped surface concentration. *Physics of Fluids, 30*, 053101. https://doi.org/10.1063/1.5025542
70. Krishna, M.V., Reddy, G.S., & Chamkha, A.J. (2018). Hall effects on unsteady MHD oscillatory free convective flow of second-grade fluid through a porous medium between two vertical plates. *Physics of Fluids, 30*, 023106. https://doi.org/10.1063/1.5010863
71. Krishna, M.V., Swarnalathamma, B.V., & Chamkha, A.J. (2018). Heat and mass transfer on MHD chemically reacting flow of a micropolar fluid through a porous medium with Hall effects. *Special Topics & Reviews in Porous Media: An International Journal, 9(4)*, 347-364. https://doi.org/10.1615/SpecialTopicsRevPorousMedia.2018024579
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