

Curriculum Vitae

Prof. (Dr.) Ram Prakash Sharma



Present Position: Director in charge

Professor of Mathematics, Dean (Administration)

Department of Mechanical engineering

National Institute of Technology Arunachal Pradesh

Ministry of Education Govt. of India

Arunachal Pradesh Jote-791113

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Google Scholar: <https://scholar.google.co.in/citations?user=ll5sZqgAAAAJ&hl=en>

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Address:

1. NIT Arunachal Pradesh Address: Department of Mechanical Engineering, National Institute of Technology, Jote, Papum Pare District, Arunachal Pradesh-791113
2. Jaipur Address (Permanent): B-9/12, Chenab Apartment, Pratap Nagar, Sector-28, Near Maharaja Sawai Bhawani Singh School, Jaipur-302033, Rajasthan, India

Education:

B. Sc. (1990): University of Rajasthan, Jaipur, India

M.Sc. (1992): University of Rajasthan, Jaipur, India

M.Phil. (1994): University of Rajasthan, Jaipur, India

Ph. D (2003): University of Rajasthan, Jaipur, India

Research Areas:

- Fluid Mechanics
- Computational Fluid Dynamics
- Newtonian and Non-Newtonian fluids
- Stretching and stagnation flows
- Boundary-Layer Theory
- Heat and Mass transfer
- flow through porous media
- History of Mathematics

Publications

Published about 108 research papers in the leading journals such as the Journal of Molecular Liquids, Advanced Powder Technology, Journal of Thermal Analysis and Calorimetry, The European Physical Journal Plus, Journal of Magnetism and Magnetic Materials, Numerical Heat Transfer, Part A: Applications, International Journal of Modern Physics B, etc. See [Google Scholar Citations- Prof. Ram Prakash Sharma](#)

Professional Experience:

24 th May 2023- Till date	Professor , Department of Mechanical Engineering National Institute of Technology Arunachal Pradesh-791113
5 th July 2019- 23 May 2023	Associate Professor , Department of Mechanical Engineering National Institute of Technology Arunachal Pradesh-791113
5 th September 2011- 04-07-2019	Professor , Department of Mathematics, JECRC University, Jaipur (Rajasthan) India
1 st July 2010- 4 th September 2011	Professor and Director , S. J. C. E. T., Dausa
15 th July 2009- 30 th June 2010	Professor and Principal/Director , Sonipat Inst. of Eng. & Mgt, Sonipat, (Haryana) India
28 th May 2009- 14 th July 2009	Professor and Principal , SDIT, Dausa
11 th July 2008- 27 th May 2009	Professor and Principal , Maharishi Arvind Institute of Science and Management, Jaipur (Rajasthan) India
1 st July 2005-10 th July 2008	Professor and Head , Department of Mathematics Baldev Ram Mirdha Institute of Technology (BMIT), Jaipur (Rajasthan) India
1 st July 2003- 30 th June 2005	Associate Professor and Head , Department of Mathematics, BMIT, Jaipur (Rajasthan) India

Ist July 2002-30th June 2003	Assistant Professor and Vice Principal, Department of Mathematics, Shankara Institute of Technology, Jaipur (Rajasthan) India
16th June 2001-30th June 2002	Lecturer, C.I.I.T., Sitapura, Jaipur ,Rajasthan
1st October 1999-15th June 2001	Lecturer, Department of Mathematics, IET, Alwar, Rajasthan
1st July 1992-30th September 1999	Lecturer, S.S. Jain Subodh, P. G. College, Jaipur

Ph. D Thesis Examined (India and abroad)

- Mrs. Anjali Kailas Shinde in the Department of Mathematics, Faculty of Science and Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad-431004(MS), India, Dated 30-09-2022.
- Rekha J (USN: 1CD15PGJ01), In the Faculty of Science–Mathematics to Visvesvaraya Technological University Belagavi-590 018, Karnataka State, India, Dated 30-09-2022.
- Mahesh Kumar R (USN: 1DA15PGJ08), Research Scholar, in the Faculty of Science–Mathematics to Visvesvaraya Technological University Belagavi-590 018, Karnataka State, India,
- Musawenkhosi Patson Mkhathshwa, School of Mathematics, Statistics & Computer Science under the supervision of Prof S. S. Motsa and Prof P. Sibanda in the School of Mathematics, Statistics, & Computer Science, College of Agriculture, Engineering and Science, University of KwaZulu-Natal, Pietermaritzburg campus, Private Bag X01, Scottsville, 3209 South Africa
- G. VEMBARASI, Department of Mathematics Bharathidasan University Tiruchirappalli, Tamil Nadu, India on 15-05-2022.
- Mrs. M. Kavitha, Department of Mathematics, School of Science GITAM (Deemed to be University) Hyderabad Campus, India on 14-05-2022.
- R. SWAMINATHAN, Department of Mathematics Bharathidasan University Tiruchirappalli, Tamil Nadu, India on 05-05-2022.
- Ms. L. MAHALAKSHMI, Department of Mathematics Bharathidasan University Tiruchirappalli, Tamil Nadu, India on 01-05-2022.
- Mr. Shashikumar N.S., Kuvempu University, Jnana Sahyadri, Shankaraghatta-577 451, Shivamogga, Karnataka
- N. ANNAMALAI, Department of Mathematics Bharathidasan University Tiruchirappalli, Tamil Nadu, India
- Mr. Bimalesh Nayak, Siksha 'O' Anusandhan University, Bhubaneswar-751030, Odisha
- Mr. Shankar Rao, Pondicherry University, Pondicherry
- Mrs. Madhusmita Barik, Siksha 'O' Anusandhan University, Bhubaneswar-751030, Odisha
- Mr. Manas Dutta, Guwahati University.
- Mr. Pawan Kumar Dixit, University of Lucknow, Lucknow-226 007, India
- Mr. Sanjeeva Kumar Singh, University of Lucknow, Lucknow-226 007, India
- Mr. V. Gowri Sankara Rao, Andhra University, Visakhapatnam - 530 003, A.P., India.

Ph. D. Supervised /Pursuing

15 (Research Scholar)

1. Om Prakash, Awarded: 28th February 2023, IIT (ISM) Indian Institute of Technology (Indian School of Mines), Dhanbad
 2. Jeevan Preet Kaur (Punjab university Chandigarh)
 3. Gourab Panda (NIT Arunachal Pradesh)
 4. Raja Ram Mohanty (NIT Arunachal Pradesh)
 5. Debasish Gorai (NIT Arunachal Pradesh)
 6. Kirnu Badak (NIT Arunachal Pradesh)
 7. A. Subba Rao (NIT Arunachal Pradesh)
 8. Shaik Shafi (NIT Arunachal Pradesh)
 9. B K Kulshrestha (NIT Arunachal Pradesh)
 10. Sunendra Shukla (NIT Arunachal Pradesh)
 11. Parshuram Sahoo (NIT Arunachal Pradesh)
 12. Laxmipriya Swain (NIT Arunachal Pradesh)
 13. Chandralekha Mahanta (NIT Arunachal Pradesh)
 14. Abhishek Sharma (NIT Arunachal Pradesh)
- M. Tech. Project completed 04 Students
- B. Tech. Project completed 08 Students
- M. Tech. Project Pursuing 02 Students
- B. Tech. Project Pursuing 04 Students

Administrative Experience at NIT Arunachal Pradesh:

1. Working as **Director in charge**, National Institute of Technology, (Institute of National Importance under Ministry of Education (Shiksha Mantralaya), Govt. of India) Jote, Arunachal Pradesh-791113, India w.e.f., August 4, 2023 to till date.
2. Working as **Dean (Administration)**, National Institute of Technology, (Institute of National Importance under Ministry of Education (Shiksha Mantralaya), Govt. of India) Jote, Arunachal Pradesh-791113, India w.e.f., May 18, 2023 to till date.
3. **राजभाषा प्रमुख**, राष्ट्रीय प्रौद्योगिकी संस्थान अरुणाचल प्रदेश -791113, भारत के रूप में कार्य करना। जुलाई 2020 से अब तक।
4. Worked as **Member of BOG**, National Institute of Technology, (Institute of National Importance under Ministry of Education (Shiksha Mantralaya), Govt. of India) Jote, Arunachal Pradesh-791113, India w.e.f., July 24, 2019 to 23-07-2023.

5. Dr. R.P. Sharma, Associate Professor, Department of BAS, NIT Arunachal Pradesh & Dean, Student Affairs – **Chairman- Advisory Committee on Faculty Recruitment (ACoFAR)** w.e.f., 13-01-2020 to till date.
6. Worked as **Dean (SA)**, National Institute of Technology, (Institute of National Importance under Ministry of Education (Shiksha Mantralaya), Govt. of India) Jote, Arunachal Pradesh-791113, India w.e.f., July 17, 2019 to 03-12-2021.
7. Worked as **Chairman, Counseling Cell**, National Institute of Technology, (Institute of National Importance under Ministry of Education (Shiksha Mantralaya), Govt. of India) Jote, Arunachal Pradesh-791113, India w.e.f., 28-07-2019 to 07-11-2022.
8. Worked as **Warden (Tiger Hostel)**, National Institute of Technology, (Institute of National Importance under Ministry of Education (Shiksha Mantralaya), Govt. of India) Jote, Arunachal Pradesh-791113, India w.e.f., July 17, 2019 to 26-08-2021.
9. Worked as **Chief Warden**, National Institute of Technology, (Institute of National Importance under Ministry of Education (Shiksha Mantralaya), Govt. of India) Jote, Arunachal Pradesh-791113, India w.e.f., 19-10-2020 to 26-08-2021.
10. Worked as **in charge, Mathematics computation Lab**, National Institute of Technology, (Institute of National Importance under Ministry of Education (Shiksha Mantralaya), Govt. of India) Jote, Arunachal Pradesh-791113, India w.e.f., 16-07-2019 to 20-03-2021.
11. Worked as **Chairman, Departmental Committee for non-teaching staff**, National Institute of Technology, (Institute of National Importance under Ministry of Education (Shiksha Mantralaya), Govt. of India) Jote, Arunachal Pradesh-791113, India w.e.f., 13-05-2020 (2020-2021).
12. Working as Anti-Ragging Squad, **Group Coordinator**, National Institute of Technology, (Institute of National Importance under Ministry of Education (Shiksha Mantralaya), Govt. of India) Jote, Arunachal Pradesh-791113, India w.e.f. 28-07-2019 to till date.

Other Leading Activities

1. Elected Joint Secretary of Executive Committee of **ISTAM** (International Society for Theoretical and Applied Mechanics, IIT Kharagpur) From December 2015 for three years.
2. Elected Member of the Executive Committee of **ISTAM** (International Society for Theoretical and Applied Mechanics, IIT Kharagpur) From December 2014 for three years.

National awards:

- **Best Educationist Award 2011** for Outstanding Achievements in the Field of Education, 2011 Presented by Indian Solidarity Council (ISC), New Delhi. 17-September -2011.

- **Award of Excellence 2012** for Outstanding Achievements in the Field of Education, 2012 Presented by Indian Development Foundation, Mumbai, 15-09-2012
- **Social Action Award 2014** for Outstanding Achievements in the Field of Education, 2014 Presented by Indian Development Foundation, Mumbai. 09-09-2014
- **Award of Excellence 2017** for Outstanding Achievements in the Field of Education, 2017 Presented by Indian Development Foundation, Mumbai, 05-09-2017
- **Social Action Award 2018** for Outstanding Achievements in the Field of Education, 2018 Presented by Indian Development Foundation, Mumbai, date of event: 10-09-2018

List of Publications

1. ***Ram Prakash Sharma***, J. K. Madhukesh, Sunendra Shukla, Fehmi Gamaoun, B. C. Prasannakumara, Numerical study of the thermophoretic velocity of ternary hybrid nanofluid in a microchannel bounded by the two parallel permeable fat plates, Journal of Thermal Analysis and Calorimetry (2023) 1-12 [IF: 4.4 H Index: 111] Publisher: Springer Netherlands, <https://doi.org/10.1007/s10973-023-12691-3>
2. Chandralekha Mahanta, and ***Ram Prakash Sharma***, , A comparative study of a hybrid nanofluid on a melting stretching surface using different nanoparticle shapes, Journal of Thermal Analysis and Calorimetry, (2023) [IF: 4.4 H Index: 111] Publisher: Springer Netherlands DOI: <https://doi.org/10.1007/s10973-023-12621-3>
3. ***Ram Prakash Sharma***, SR Mishra, GK Panda, PK Pattnaik, Effects of Brownian and thermophoresis on the nanofluid flow with zero nanoparticle mass flux and convective conditions through non-linearly expanding Riga plate, **Modern Physics Letters B (2023) 2450026** DOI: <https://doi.org/10.1142/S021798492450026X>
4. ***Ram Prakash Sharma***, Thirupathi Thumma, S.R. Mishra, Sunendra Shukla, Cross diffusion of magnetohydrodynamics Williamson and Casson fluid flow past a slendering horizontal surface with variable thickness and multi Slip conditions: An implicit finite difference approach, **The European Physical Journal Plus**, 138(10) (2023) 875 [**IF- 3.758 HI- 77**] Publisher: Springer Berlin Heidelberg DOI: <https://doi.org/10.1140/epjp/s13360-023-04487-z>
5. ***Ram Prakash Sharma***; Sunendra Shukla; S.R. Mishra, Influence of an induced magnetic field and flow behavior of (AA7072-AA7075/Water) hybrid nano liquid in a vertical channel with Suction velocity, **Journal of Thermal Analysis and Calorimetry** 148, (2023) 11155–11166 (2023) [IF: 4.4 H Index: 111] Publisher: Springer Netherlands DOI: <https://doi.org/10.1007/s10973-023-12395-8>
6. ***Ram Prakash Sharma***; Abhishek Sharma; S.R. Mishra, Illustration of homogeneous-heterogeneous reactions on the MHD boundary layer flow through stretching curved surface with convective boundary condition and heat source, 54 (2023)1-14 **Journal of Thermal Analysis and Calorimetry**, (2023) [IF: 4.4 H Index: 111] Publisher: Springer Netherlands DOI: <https://doi.org/10.1007/s10973-023-12466-w>
7. ***Ram Prakash Sharma***, S. Ahmed, P. Devaki, and Subba Rao Allipudi, **Significance of induced magnetic field and thermal radiation: Dynamics of Newtonian fluids subject to viscous dissipation due to temperature gradient**, **International Journal of Modern Physics B**, (2023)

- Article number: 2450191 [IF: 1.404, H Index: 77] Publisher: World Scientific Publishing Company, DOI: <https://doi.org/10.1142/S0217979224501911>
8. ***Ram Prakash Sharma***, S. R. Mishra, and G. K. Panda, **Radiation absorption impact on the thermophysical properties of Cu- and TiO₂-water nanofluids: Laplace transform technique**, *International Journal of Modern Physics B*, (2023) Article number: 2450238 [IF: 1.404, H Index: 77] Publisher: World Scientific Publishing Company, DOI: <https://doi.org/10.1142/S0217979224502382>
 9. ***Ram Prakash Sharma***, Chandralekha Mahanta, and S. R. Mishra, **A study under the impact of Soret and Dufour effects on MHD stagnation point flow and heat transfer towards a stretching sheet**, *International Journal of Modern Physics B*, (2023) Article number: 2450245 [IF: 1.404, H Index: 77], Publisher: World Scientific Publishing Company, DOI: <https://doi.org/10.1142/S021797922450245X>
 10. ***Ram Prakash Sharma***, Sunendra Shukla, and S. R. Mishra, **Characteristic of thermal buoyancy and heat source on hybrid nanofluid stagnation-point flow under the action of convective boundary condition and induced magnetic field**, *International Journal of Modern Physics B*, (2023) Article number: 2450188 [IF: 1.404, H Index: 77], Publisher: World Scientific Publishing Company, DOI: <https://doi.org/10.1142/S0217979224501881>
 11. M. D. Shamshuddin, ***Ram Prakash Sharma***, A. Ghaffari, and Subba Rao Allipudi, **Induced magnetic transportation of Soret and dissipative effects on Casson fluid flow towards a vertical plate with thermal and species flux conditions**, *International Journal of Modern Physics B*, (2023) Article number: 2450157 [IF: 1.404, H Index: 77] Publisher: World Scientific Publishing Company, DOI: <https://doi.org/10.1142/S0217979224501571>
 12. S. R. Mishra, ***Ram Prakash Sharma***, and Laxmipriya Swain, **Illustration of Joule dissipation on the time-dependent stagnation point flow of nanofluid through a porous surface**, *International Journal of Modern Physics B*, (2023) Article number: 2450077 [IF: 1.404, H Index: 77] Publisher: World Scientific Publishing Company, DOI: <https://doi.org/10.1142/S0217979224500772>
 13. ***Ram Prakash Sharma***, Kalidas Das, and Debasish Gorai, **Impact of multifarious slips on radiating nanofluid flow containing ZrO₂ nanoparticles**, *International Journal of Modern Physics B*, (2023) Article number: 2450037 Online ready [IF: 1.404, H Index: 77] Publisher: World Scientific Publishing Company, DOI: <https://doi.org/10.1142/S0217979224500371>
 14. Sunendra Shukla, ***Ram Prakash Sharma***, R. J. Punith Gowda & B. C. Prasannakumara, **Elastic deformation effect on carboxymethyl cellulose water-based (TiO₂-Ti6Al4V) hybrid nanofluid over a stretching sheet with an induced magnetic field**, *Numerical Heat Transfer, Part A: Applications*, (2023) 1-15 (Published online) [IF: 2.69 HI - 75], Publisher: Taylor and Francis Ltd. DOI: <https://doi.org/10.1080/10407782.2023.2175750>
 15. ***Ram Prakash Sharma***, J. K. Madhukesh, Sunendra Shukla, B. C. Prasannakumar, **Numerical and Levenberg–Marquardt backpropagation neural networks computation of ternary nanofluid flow across parallel plates with Neumann boundary conditions**, *Eur. Phys. J. Plus* 138(1) (2023)63 [IF: 4.755, H Index: 101], Publisher: Springer Berlin Heidelberg, DOI: <https://doi.org/10.1140/epjp/s13360-023-03680-4>
 16. ***Ram Prakash Sharma***, Sushama Baag, S.R. Mishra, and Parshuram Sahoo, **On the radiative heat transport phenomena in MHD Williamson nanofluid flow past an expanding surface with an interaction of inclined magnetic field**. *J Therm Anal Calorim* 148 (2023) 7319–7332 [IF: 4.755 H Index: 101] Publisher: Springer International Publishing DOI: <https://doi.org/10.1007/s10973-023-12206-0>

17. ***Ram Prakash Sharma****, P. K. Pattnaik, S. R. Mishra, and Subba Rao Allipudi, Exploration of diffusion-thermo and thermo-diffusion on the nonlinear radiative heat flow of a conducting fluid over a permeable surface, **International Journal of Modern Physics B**, (2023) 2450301 [IF: 1.404, H Index: 77], Online ready Publisher: World Scientific Publishing Company ,DOI: <https://doi.org/10.1142/S0217979224503016>
18. ***Ram Prakash Sharma***, S. R. Mishra, P. K. Pattnaik, Seema Tinker, and Subba Rao Allipudi, Numerical study of slip flow of a micropolar fluid through a porous wedge surface with the impact of a chemical reaction and heat source/sink, **International Journal of Modern Physics B**, (2023) Article number: 2450077 [IF: 1.404, H Index: 77], Publisher: World Scientific Publishing Company, DOI: <https://doi.org/10.1142/S0217979224503144>
19. Om Prakash, P. S. Rao, ***Ram Prakash Sharma***, S. R. Mishra, Hybrid nanofluid MHD motion towards an exponentially stretching/shrinking sheet with the effect of thermal radiation, heat source and viscous dissipation, **Pramana-Journal of Physics**, 97(2) (2023) 64 [IF- 2.219 HI- 58] Publisher: Springer India DOI: <https://doi.org/10.1007/s12043-023-02533-0>
20. ***Ram Prakash Sharma***, Kalidas Das, Debasish Gorai, Impact of multifarious slips on radiating nanofluid flow containing ZrO₂ nanoparticles, **International Journal of Modern Physics B**, (2024) 2450037 (18 pages), [IF- 1.404 HI- 77] Publisher: World Scientific Publishing Company, DOI: <https://doi.org/10.1142/S0217979224500371>
21. MD. Shamshuddin, ***Ram Prakash Sharma***, Thermal Elaboration of Ethylene Glycol-based Magnetized Nanostructures via a Convective Permeable Heated vertical Surface Employing Modified Buongiorno Model, **Journal of Magnetism and Magnetic Materials** 571 (2023) 170588, [IF- 3.097 HI- 179] Publisher: Elsevier, <https://doi.org/10.1016/j.jmmm.2023.170588>
22. ***Ram Prakash Sharma****, Kirnu Badak, S. R. Mishra & Sahin Ahmed, Behavior of hybrid nanostructure and dust particles in fluid motion with thermal radiation and memory effects, **Eur. Phys. J. Plus** 138 (2023) 159. [IF- 3.758 HI- 77] Publisher: Springer Berlin Heidelberg DOI: <https://doi.org/10.1140/epjp/s13360-023-03746-3>
23. Kalidas Das, ***Ram Prakash Sharma***, and Debasish Gorai, Squeezing Flow of Chemical Reacting Hybrid Nanofluid Between Two Analogous Disks with Activation Energy and Magnetic Field, **J. Nanofluids** 12 (2023) 388–397(10). [IF- 1.74 HI- 17] Publisher: American Scientific Publishers DOI: <https://doi.org/10.1166/jon.2023.1925>
24. Jeevanpreet Kaur, Urvashi Gupta, and ***Ram Prakash Sharma***, Unsteady Finite Amplitude Magneto-Convection of Oldroyd-B Nanofluids with Internal Heat Source, **J. Nanofluids** 12 (2023) 78–90. Publisher: American Scientific Publishers [IF- 1.74 HI- 17] .DOI: <https://doi.org/10.1166/jon.2023.1912>
25. ***Ram Prakash Sharma***, S. R. Mishra, Seema Tinker, and B.K. Kulshrestha, Exploration of radiative and dissipative heat on Williamson nanofluid flow in conjunction with convective boundary condition, **J. Nanofluids** 12, (2023) 223–230. [IF- 1.74 HI- 17] Publisher: American Scientific Publishers. DOI: <https://doi.org/10.1166/jon.2023.1950>
26. Sabyasachi Mondal, Riya Ghosh and ***Ram Prakash Sharma***, Entropy generation effects on hydromagnetic Williamson nanofluid flow through a porous media, **Nanosciences & Nanotechnology-Asia**, 13 (1) (2023) 1-19 (11). [IF- 0.192 HI- 15] Publisher: Bentham Science Publishers B.V. DOI: <https://doi.org/10.2174/2210681213666230123111027>

27. Sunendra Shukla, **Ram Prakash Sharma***, Titilayo M. Agbaje, Sabyasachi Mondal, Investigation of thermodynamics characteristics of ternary hybrid nanofluid flow over a stretching sheet, *Modern Physics Letters B* (2024) (2450079) 1-22. DOI: <https://doi.org/10.1142/S0217984924500799>
28. Jeevanpreet Kaur, Urvashi Gupta, and **Ram Prakash Sharma**, Nonlinear Stability Analysis for the Rheology of Oldroyd-B Nanofluids Embedded by Darcy Brinkman Porous Media Using a Two-Phase Model, accepted in *Part E: Journal of Process Mechanical Engineering*, 5th October 2022. DOI: <https://doi.org/10.1177/09544089221141600>
29. S Jena, S R Mishra & **Ram Prakash Sharma**, Effect of Chemical Reaction and Thermal Radiation on Bio-Magnetic Viscoelastic Fluid Flow Embedded in a Porous Medium, *Indian Journal of Pure & Applied Physics* Vol. 60, December 2022, pp. 996-1003 DOI: [10.56042/ijpap.v60i12.65827](https://doi.org/10.56042/ijpap.v60i12.65827)
30. **Ram Prakash Sharma**, Om Prakash, S. R. Mishra & Pentyala Srinivasa Rao, Hall current effect on molybdenum disulfide (MoS₂)-engine oil (EO) based MHD nanofluid flow in a moving plate, *International Journal of Ambient Energy*, 43:1, (2022) 6201-6209, DOI: [10.1080/01430750.2021.2003239](https://doi.org/10.1080/01430750.2021.2003239) [Taylor and Francis Ltd, ISSN: 0143-0750, 2162-8246, Impact Factor (2021): 2.36, H-Index: 27]. Citations: 0.0
31. Om Prakash, Sandeep Naramgari, **Ram Prakash Sharma**, and Pentyala Srinivasa Rao, Influence of radiative heat in MHD Cu-Si/water dusty-nanoliquid flow above an enlarging sheet, *Waves in Random and Complex Media (TWRM)*. <https://doi.org/10.1080/17455030.2022.2141470>
32. Om Prakash, Prabir Barman, P. S. Rao & **Ram Prakash Sharma**, MHD free convection in a partially open wavy porous cavity filled with nanofluid, *Numerical Heat Transfer, Part A: Applications* (2022), DOI: [10.1080/10407782.2022.2132330](https://doi.org/10.1080/10407782.2022.2132330)
33. Shankar Rao Munjam, M. Ijaz Khan, **Ram Prakash Sharma**, Rajeswari Seshadri, Omar T. Bafakeeh and M. Y. Malik, Analytical approach in higher predict residual error on MHD mixed convective motion of MoS₂ engine-oil based nanofluid, *International Journal of Chemical Reactor Engineering*, <https://doi.org/10.1515/ijcre-2022-0149>
[Publisher: Walter de Gruyter GmbH, H-Index: 36, ISSN: 15426580, JIF: 1.636. 11-11-2022.
34. **Ram Prakash Sharma**, S. R. Mishra, Seema Tinker, and B.K. Kulshrestha, Radiative heat transfer of hybrid nanofluid flow over an expanding surface with the interaction of Joule effect, *Journal of Nanofluids*, 11(5) (2022) 745-753(9). [Publisher: American Scientific Publishers, ISSN: 2169-432X, Impact Factor (2021): 1.74, h-Index: 17]. DOI: <https://doi.org/10.1166/jon.2022.1872>
35. **Ram Prakash Sharma**, S.R. Mishra, S. Tinker, B.K. Kulshrestha, Effect of Non-linear Thermal Radiation and Binary Chemical Reaction on the Williamson Nanofluid Flow Past a Linearly Stretching Sheet. *International Journal of Applied and Computational Mathematics (Int. J. Appl. Comput. Math)* 8, 171 (2022). <https://doi.org/10.1007/s40819-022-01362-w>
36. **Ram Prakash Sharma**, Debasish Gorai, Kalidas Das, Comparative study on hybrid nanofluid flow of Ag-CuO/H₂O over a curved stretching surface with Soret and Dufour effects, *Heat Transfer*, 51(7) (2022) 6365-6383. November 2022, <https://doi.org/10.1002/htj.225955>
[Wiley, ISSN:2688-4542, Impact Factor (2021): 2.421, h-Index: 30]
37. K Sruthila Gopalakrishnan, Ibukun Sarah Oyelakin, Sabyasachi Mondal & **Ram Prakash Sharma**, Impact of Joule heating and nonlinear thermal radiation on the flow of Casson nanofluid with Entropy Generation, *International Journal of Ambient Energy*, 43(1), (2022) 5687-5710 [Taylor and Francis Ltd, ISSN: 0143-0750, 2162-8246, Impact Factor (2021): 2.36, h-Index: 27] DOI: [10.1080/01430750.2021.1973559](https://doi.org/10.1080/01430750.2021.1973559)

38. Shankar Rao Munjam & ***Ram Prakash Sharma***, The novel techniques used on convective motion in a permeable media due to a vertical surface under the effect of heat source, *International Journal of Ambient Energy*, 43:1 (2022), 2595-2605, DOI: [10.1080/01430750.2020.1749125](https://doi.org/10.1080/01430750.2020.1749125)
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I Dr. Ram Prakash Sharma Certified that the above information given by me is correct to the best of my knowledge and belief. However, at any later date, if it is proved that the above-given information is wrong, I am aware that I would be punished as per the existing laws.



Ram Prakash Sharma

Thank you,
Yours sincerely,