

Curriculum vitae

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PERSONAL PROFILE:

Father name : Paramesham Date of Birth : 06th MAY 1983
Gender : Male. Marital Status : Married.
Languages Known: English, Hindi and Telugu Nationality : Indian.

TEACHING EXPERIENCE AS LECTURER: 12+years of Experience in teaching
Mathematics & Computer Science as a

- **Assistant Professor(c) in Department of Mathematics** at Jawaharlal Nehru Technological University, Hyderabad: from 2019- Till Date.
- **Lecturer in Department of Mathematics** at Jawaharlal Nehru Technological University, Hyderabad: from Oct 2010- 2018.

SUBJECTS TAUGHT AT JNTUH COLLEGE OF ENGINEERING

- Engineering Mathematics-I, II, III,
- Computational mathematics theory,
- Computational mathematics Lab using C- Language and MATLAB,
- Computer Oriented and Statistical Analysis,
- Probability & Statistics,
- Discrete Mathematics
- Numerical analysis,
- Calculus of variations
- Partial differential equations
- Linear algebra,
- C, C++, MATLAB.

EDUCATION PROFILE:

- **Ph.D. Applied Mathematics** awarded in 24th August 2018 in the department of Mathematics JNTUH College of Engineering, Kukatpally, Hyderabad.
- **Thesis title: STUDY OF HYDROMAGNETIC FREE CONVECTIVE HEAT AND MASS TRANSFER FLUID FLOWS**
- **M.Tech (Computer Science & Engineering)** from CVSR college of Engineering passed with **64%** affiliated to **JNTU Hyderabad**.

- **M.Sc (Maths with Computer Science)** from University College of Science Passed with **67%**marks **Osmania University**.
- **B.Ed.(Mathematics & Physical Science):** First Division (**67%**) DVM College of Education, Nalgonda, affiliated to **Osmania University**.
- **B.Sc (Mathematics, Physics, Computer Science)** First Division (**85.35%**) The Nalgonda Degree of arts & science Nalgonda affiliated to **Osmania University**.
- **Intermediate (Mathematics, Physics, Chemistry)** first Division (**78%**) from The Nalgonda College of arts & Science recognized by Board of Intermediate Education.
- **S.S.C** First Division (**73.66%**) from Z.P.H.S, Yerrabally, Recognized by Secondary Education.

PATENTS:

1. K.Sandeep Kumar, **B.Shankar Goud**, M. Nagapavani, A.Srilatha, B. Tulasilakshmi Deevi, Prasanthi Modugula, V. Nagaraju “Computation of Binary Alloy Interfaces under Fluid Dynamic Boundary Conditions”, FORM – 2, THE PATENTS ACT, 1970,(39 OF 1970), THE PATENTS RULES, 2003, COMPLETE SPECIFICATION,(Section 10; rule 13).

BOOK CHAPTER:

1. B Shankar Goud, Y Dharmendar Reddy, B Praveen Kumar, M Anil Kumar “Suction/Injection Effects on a Stretching Surface of the Stagnation Point Flow Through Porous Medium with Influence of Heat Generation”, Innovations in Mechanical Engineering, pp 507–514, Part of the Lecture Notes in Mechanical Engineering book series.

ACCEPTED PAPERS

1. Joseph Nicholas Lutera, **B Shankar Goud**, MN Raja Shekar. Permanence of radiation impact on unsteady MHD flow of nanofluid past an accelerated vertical plate through porous medium, Experimental and Computational Multiphase Flow, 2023.
2. **B. Shankar Goud**, Dharmendar Reddy Yanala. Heat generation impact on an unsteady MHD convective heat and mass transfer flow in a Darcy's medium with radiation, Experimental and Computational Multiphase Flow, 2023.
3. Dharmiah.G, **B. Shankar Goud**, Nehad Ali Shah, Muhammad Faisal Numerical analysis of heat and mass transfer with viscous dissipation, Joule dissipation and Activation energy, International Journal of Ambient Energy, 2023.
4. Asogwa and Shankar Goud et al Significance of nanoparticle shape factor & buoyancy effects on a parabolic motion of EMHD convective nanofluid past a Riga plate with ramped wall temperature, The European Physical Journal Plus, 2023.

LIST OF PUBLICATIONS

1. **B. Shankar Goud**, Dharmamah.G Role of Joule heating and Activation energy on MHD heat and mass transfer flow in the presence of thermal radiation, Numerical Heat Transfer, Part B: Fundamentals,2023., <https://doi.org/10.1080/10407790.2023.2215917>
2. Yanala Dharmendar Reddy, Bejawada Shankar Goud, Nagi Reddy Nalivela, and Vempati Srinivasa Rao. Impact of porosity on two-dimensional Unsteady MHD boundary layer heat and mass transfer stagnation point flow with radiation and viscous dissipation, Numerical Heat Transfer, Part A: Applications, 2023. <https://doi.org/10.1080/10407782.2023.2198739>.
3. **B. Shankar Goud**, Dharmendar Reddy Yanala, Abderrahim Wakif "Numerical analysis on the heat and mass transfer MHD flow characteristics of nanofluid on an inclined spinning disk with heat absorption and chemical reaction, Heat transfer, 2023 <https://doi.org/10.1002/htj.22843>.
4. Y. Dharmendar Reddy and **Shankar Goud, B.** "Comprehensive Analysis of Thermal Radiation Impact on an Unsteady MHD Nanofluid Flow across an Infinite Vertical Flat Plate with Ramped Temperature with Heat Consumption." Results in Engineering, vol. 17, 2023, p. 100796, <https://doi.org/10.1016/j.rineng.2022.100796>. Accessed 29 Mar. 2023.
5. **B. Shankar Goud**, Y. Dharmendar Reddy. Numerical Simulation of thermal radiation on an unsteady MHD nanofluid flow over an infinite vertical flat plate with ramped temperature, Special Topics & Reviews in Porous Media - An International Journal,2022. 10.1615/SpecialTopicsRevPorousMedia.2022045487.
6. Nalivela Nagi Reddy, Yanala Dharmendar Reddy, **B. Shankar Goud**, and Vempati Srinivasa Rao "Impact of porosity and radiation on two-dimensional Unsteady MHD heat transfer stagnation point flow with viscous dissipation" Heat Transfer,2023, <https://doi.org/10.1002/htj.22839>.
7. U.B. Vishwanatha , Y. Dharmendar Reddy , Praveen Barmavatu , **B. Shankar Goud** "Insights into Stretching Ratio and Velocity Slip on MHD Rotating Flow of Maxwell Nanofluid over a Stretching Sheet: Semi-Analytical Technique OHAM." Journal of the Indian Chemical Society, vol. 100, no. 3, 2023, p. 100937, <https://doi.org/10.1016/j.jics.2023.100937>. Accessed 14 Feb. 2023.
8. **B. Shankar Goud** , Pudhari Srilatha, Thadakamalla Srinivasulu , Yanala Dharmendar Reddy , Kanti Sandeep Kumar "Induced by Heat Source on Unsteady MHD Free Convective Flow of Casson Fluid past a Vertically Oscillating Plate through Porous Medium Utilizing Finite Difference Method." Materials Today: Proceedings, 2023, <https://doi.org/10.1016/j.matpr.2023.01.378>. Accessed 14 Feb. 2023.
9. **Goud, B. S.**, Srilatha, P., Mahendar, D., Srinivasulu, T., and Dharmendar Reddy, Y. (2023). Thermal radiation effect on thermostatically stratified MHD fluid flow through an accelerated vertical porous plate with viscous dissipation impact. Partial Differential Equations in Applied Mathematics, 100488. <https://doi.org/10.1016/j.padiff.2023.100488>.
10. Amar, N.; Naikoti, Kishan; **Goud, B. Shankar**: Viscous dissipation and Radiation effects on MHD heat transfer flow of Casson fluid through a moving Wedge with

- convective boundary condition in the existence of internal heat generation/absorption, 2022, *J. Nanofluids*, 12, 643–651, 2023.
11. Mohammed F. Alrehili, **B. Shankar Goud**, Y. Dharmendar Reddy, S. R. Mishra, Maha M. A. Lashin, Vedyappan Govindan and Busayamas Pimpunchat: Numerical computing of Soret and linear radiative effects on MHD Casson fluid flow toward a vertical surface through a porous medium: Finite element analysis, *Modern Physics Letters B*(2023),<https://doi.org/10.1142/S0217984922501706>.
 12. **B. Shankar Goud**, Pudhari Srilatha, MN Raja Shekar “Soret Effects on Free Convection Nanofluid Flows Due to a Stretching Sheet" *Journal of Nanofluids*,2023, Vol. 12, No. 1, pp. 202–210.[doi:10.1166/jon.2023.1946](https://doi.org/10.1166/jon.2023.1946).
 13. **Shankar Goud Bejawada** and Mahantesh M. Nandeppanavar “Effect of thermal radiation on magnetohydrodynamics heat transfer micropolar fluid flow over a vertical moving porous plate”, *Exp. Comput. Multiph. Flow*, 5, pages149–158 (2023). <https://doi.org/10.1007/s42757-021-0131-5>.
 14. Srihari, K., Goud, B. S., Reddy, P. J., & Murthy, M. R. (2023). An implicit Keller box approach for solution of MHD three-dimensional flow through a porous medium. *Partial Differential Equations in Applied Mathematics*, 7, 100466. <https://doi.org/10.1016/j.padiff.2022.100466>.
 15. Wasim Jamshed, G. K. Ramesh, G. S. Roopa, Kottakkaran Sooppy Nisar, Rabia Safdar, J. K. Madhukesh, Faisal Shahzad, Siti Suzilliana Putri Mohamed Isa, B. Shankar Goud, Mohamed R. Eid. Electromagnetic radiation and convective slippery stipulation influence in viscous second grade nanofluid through penetrable material, *Z Angew Math Mech.*, *Z Angew Math Mech.* 2022;e202200002, pp.1-18, <https://doi.org/10.1002/zamm.202200002>.
 16. **Shankar Goud Bejawada**, Yanala Dharmendar Reddy, Wasim Jamshed, Usman, Siti Suzilliana Putri Mohamed Isa, Sayed M. El Din, Kamel Guedri, M. Israr Ur Rehman. Comprehensive examination of radiative electromagnetic flowing of nanofluids with viscous dissipation effect over a vertical accelerated plate. *Scientific Reports*.2022;12:20548. <https://doi.org/10.1038/s41598-022-25097-2>.
 17. **B. Shankar Goud**, Y. Dharmendar Reddy, Kanayo Kenneth Asogwa; Chemical reaction, Soret and Dufour impacts on magnetohydrodynamic heat transfer Casson fluid over an exponentially permeable stretching surface with slip effects, *International Journal of Modern Physics B*, DOI: 10.1142/S0217979223501242.
 18. AliRaza, Sami UllahKhan, Y. DharmendarReddy, **B. ShankarGoud**, M. IjazKhan Dynamics of heat transport in CNTs based Darcy saturated flow: Modeling through fractional simulations, *Journal of the Indian Chemical Society*, 2022. <https://doi.org/10.1016/j.jics.2022.100782>.
 19. **B Shankar Goud**, Y Dharmendar Reddy “Chemical reaction and Soret effect on an unsteady MHD heat and mass transfer fluid flow along an infinite vertical plate with radiation and heat absorption”, *Journal of the Indian Chemical Society*, 99(11), 2022, 100762. <https://doi.org/10.1016/j.jics.2022.100762>.
 20. Dharmendar Reddy, Y., **Shankar Goud, B.**, Nisar, K. S., Alshahrani, B., Mahmoud, M., and Park, C “Heat absorption/generation effect on MHD heat transfer fluid flow along a stretching cylinder with a porous medium. *Alexandria Engineering Journal*. 2022, <https://doi.org/10.1016/j.aej.2022.08.049>.
 21. Kanayo Kenneth Asogwa, **B. Shankar Goud**, Nehad Ali Shah, Se-JinYook “Rheology of electromagnetohydrodynamic tangent hyperbolic nanofluid over a stretching Riga surface featuring dufour effect and activation energy”, *Sci Rep* 12, 14602 (2022). <https://doi.org/10.1038/s41598-022-18998-9>.

22. **Goud, B. Shankar**, Yanala, Dharmendar Reddy, Asogwa, Kanayo: Inspection of chemical reaction and viscous dissipation on MHD convection flow over an infinite vertical plate entrenched in porous medium with Soret effect, *Biomass Conv. Bioref.* (2022). <https://doi.org/10.1007/s13399-022-02886-3>.
23. Hussain, Syed; **Goud, B.Shankar**, Madheshwaran, Prakash; Jamshed, Wasim; Pasha, Amjad; Safdar, Rabia; Arshad, Misbah ; Ibrahim, Rabha ; Ahmad, Mohammad: Effectiveness of Non-Uniform Heat Generation (Sinking) and Thermal Characterization of Carreau Fluid Flowing Across Nonlinear Elongating Cylinder: A Numerical Study, *ACS Omega*, 2022. <https://doi.org/10.1021/acsomega.2c02207>.
24. Pankaj Mishra, Y.Dharmendar Reddy, **B.Shankar Goud**, Dharendra Kumar, Jogendra kumar, Piyush Kumar Singh: Study on Linear and Nonlinear Stability Analysis of Double Diffusive Electro-convection in Couple stress Anisotropic fluid-saturated Rotating Porous Layer, *Journal of the Indian Chemical Society*, 99(9) 2022, 100611. <https://doi.org/10.1016/j.jics.2022.100611>.
25. **Shankar Goud B**, Pramod Kumar P, Malga BS, Yanala Dharmendar Reddy: FEM to Study the Radiation, Soret, Dufour Numbers Effect Heat and Mass Transfer of MagnetoCasson Fluid Over a Vertical Permeable Plate in The Presence of Viscous Dissipation, Waves in Random and Complex Media, 2022. <https://doi.org/10.1080/17455030.2022.2091809>
26. **B.ShankarGoud.**, Y. DharmendarReddy, S.R.Mishra, M. IjazKhan, KamelGuedri, Ahmed M.Galal :Thermal radiation impact on magneto-hydrodynamic heat transfer micropolar fluid flow over a vertical moving porous plate: A finite difference approach, *Journal of the Indian Chemical Society*, 99(8), 2022, 100618. <https://doi.org/10.1016/j.jics.2022.100618>.
27. Yanala, Dharmendar Reddy **Goud, B. Shankar**: MHD Heat and Mass Transfer Stagnation Point Nanofluid Flow Along a Stretching Sheet Influenced by Thermal Radiation, *Journal of Thermal Analysis and Calorimetry* 147, pages11991–12003 (2022). <https://doi.org/10.1007/s10973-022-11430-4>.
28. Asogwa, Kanayo K, Goud, B. Shankar, Yanala, Dharmendar Reddy, Amarachukwu A.Ibe “Suction effect on the dynamics of EMHD Casson nanofluid over an induced stagnation point flow of stretchable electromagnetic plate with radiation and chemical reaction”, *Results in Engineering*, Volume 15, September 2022, 100518, <https://doi.org/10.1016/j.rineng.2022.100518>.
29. Asogwa, Kanayo K, **Goud, B. Shankar**: Impact of velocity slip and heat source on tangent hyperbolic nanofluid flow over an electromagnetic surface with Soret effect and variable suction/injection, Part E: *Journal of Process Mechanical Engineering* .2022. 1–13. DOI: 10.1177/09544089221106662.
30. Bilal Ahmad, Asif Nawaz, K. Smida, Sami Ullah Khan, M. Ijaz Khan, Tasawar Abbas, Y. Dharmendar Reddy, Kamel Guedri , M.Y. Malik, **B. Shankar Goud** , Ahmed M. Galal: Thermal diffusion of Maxwell nanoparticles with diverse flow features: Lie group simulations, *International Communications in Heat and Mass Transfer*, 136, 2022, 106164. <https://doi.org/10.1016/j.icheatmasstransfer.2022.106164>.
31. Amar, N.; Naikoti, Kishan; **Goud, B. Shankar**: MHD heat transfer flow over a moving wedge with convective boundary conditions with the influence of viscous dissipation and internal heat generation/absorption, *Heat Transfer*, 51(6), 2022, pp.5015-5029. <https://doi.org/10.1002/htj.22534>.
32. M. Akram, W. Jamshed, **B. Shankar Goud**, A.A. Pasha, T. Sajid, M.M. Rahman, M. Arshad, W. Weera, Irregular heat source impact on Carreau nanofluid flowing via exponential expanding cylinder: A thermal case study, *Case Studies in Thermal Engineering* (2022), doi.org/10.1016/j.csite.2022.102171.
33. **B Shankar Goud**, Mahantesh M Nandeppanavar, Chemical reaction and MHD flow for magnetic field effect on heat and mass transfer of fluid flow through a porous

- medium onto a moving vertical plate, *International Journal of Applied Mechanics and Engineering*, Int. J. of Applied Mechanics and Engineering, 2022, vol.27, No.2, pp.226-244. DOI: 10.2478/ijame-2022-0030.
34. **Shankar Goud Bejawada**, Yanala Dharmendar Reddy, Wasim Jamshed, Rabia Safdar, Mohamed R. Eid : Numerical Case Study of Chemical Reaction Impacts on MHD Micropolar Fluid Flow Past over a Vertical Riga Plate. *Materials* 2022, 15, 4060. <https://doi.org/10.3390/ma15124060>.
 35. **B. Shankar Goud**, Y. Dharmendar Reddy, and S.R.Mishra : Joule heating and thermal radiation impact on MHD boundary layer Nanofluid flow along an exponentially stretching surface with thermal stratified medium, *Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems*. June 2022. doi:[10.1177/23977914221100961](https://doi.org/10.1177/23977914221100961)
 36. Y.Dharmendar Reddy, Fateh Mebarek-Oudina, **B. Shankar Goud**, A. Abidi: Radiation, Velocity and Thermal Slips Effect towards MHD boundary layer flow through heat and mass transport of Williamson nanofluid with porous medium, *Arabian Journal for Science and Engineering*,2022. DOI: 10.1007/s13369-022-06825-2.
 37. Mishra, Pankaj; Kumar, Dharendra; Yanala, Dharmendar Reddy, **Goud, B. Shankar** :Numerical Investigation of MHD flow of Williamson Nanofluid with variable viscosity pasting a wedge within porous media: A non Darcy model approach, *Heat Transfer*, 2022. DOI: 10.1002/htj.22580.
 38. Asogwa, Kanayo K, **Goud, B. Shankar**, Yanala, Dharmendar Reddy, Non-Newtonian Electromagnetic Fluid Flow Through a Slanted Parabolic Stretched Riga Surface With Ramped Energy, *Heat Transfer*, 51(6), 2022, pp. **4833-6026**. <https://doi.org/10.1002/htj.22560>.
 39. M Anil Kumar, Yanala Dharmendar Reddy, **B Shankar Goud**, V Srinivasa Rao, An Impact On Non-Newtonian Free Convective MHD Casson Fluid Flow Past A Vertical Porous Plate In The Existence of Soret, Dufour, and Chemical Reaction, *International Journal of Ambient Energy*, 2022, <https://doi.org/10.1080/01430750.2022.2063381>.
 40. Nalivela Nagi Reddy, Yanala Dharmendar Reddy, Vempati Srinivasa Rao, **B. Shankar Goud**, Kottakkaran Sooppy Nisar “Multiple slip effects on steady MHD flow past a non-isothermal stretching surface in presence of Soret, Dufour with suction/injection”, *International Communications in Heat and Mass Transfer* 134 (2022) 106024, <https://doi.org/10.1016/j.icheatmasstransfer.2022.106024>.
 41. **Shankar Goud Bejawada**, Yanala Dharmendar Reddy, Wasim Jamshed, Mohamed R. Eid, Rabia Safdar, Kottakkaran Sooppy Nisar, Siti Suzilliana Putri Mohamed Isa, Mohammad Mahtab Alam, Shahanaz Parvin “2D mixed convection non-Darcy model with radiation effect in a nanofluid over an inclined wavy surface”, *Alexandria Engineering Journal* (2022) 61, 9965–9976.
 42. **Shankar Goud Bejawada**, Yanala Dharmendar Reddy, Wasim Jamshed, Kottakkaran Sooppy Nisar, Abdulaziz N. Alharbi , Ridha Chouikh “Radiation effect on MHD Casson fluid flow over an inclined non-linear surface with chemical reaction in a Forchheimer porous medium”, *Alexandria Engineering Journal* (2022), <https://doi.org/10.1016/j.aej.2022.01.043>.
 43. Yanala Dharmendar Reddy, **B.Shankar Goud**, M.Riaz Khan, Mohamed Abdelghany Elkotb, Ahmed M. Galal “Transport properties of a hydromagnetic radiative stagnation point flow of a nanofluid across a stretching surface”, *Case Studies in Thermal Engineering*, 31 (2022) 101839. <https://doi.org/10.1016/j.csite.2022.101839>.
 44. **Shankar Goud Bejawada**, Wasim Jamshed, Rabia Safdar, Yanala Dharmendar Reddy, Meznah M. Alanazi, Heba Y. Zahran and Mohamed R. Eid “Chemical Reactive and viscous dissipative flow of magneto nanofluid via natural convection by

- employing Galerkin Finite Element Technique”. *Coatings* 2022, 12, 151. <https://doi.org/10.3390/coatings12020151>.
45. Dharmendar Reddy Yanala, **B. Shankar Goud**, Ali J. Chamkha, Anil Kumar Mella “Influence of radiation and viscous dissipation on MHD heat transfer Casson nanofluid flow along a nonlinear stretching surface with chemical reaction”, *Heat Transfer*. 2022, 51(4), pp: 3495-3511..doi:10.1002/htj.22460.
 46. **Shankar Goud B**, Pramod Kumar P, Malga BS. Induced magnetic field effect on MHD free convection flow in nonconducting and conducting vertical microchannel walls. *Heat Transfer*, 51(2), March 2022, pp. 2201-2218,. <https://doi.org/10.1002/htj.22396>.
 47. **Shankar Goud Bejawada**, Yanala Dharmendar Reddy, Kanti Sandeep Kumar, Epuri Ranjith Kumar “Numerical Solution of Natural Convection on a Vertical Stretching Surface with Suction and Blowing”, *International Journal of Heat and Technology* 39(5), 2021, pp. 1469-1474. <https://doi.org/10.18280/ijht.390508>.
 48. **B. Shankar Goud** , Dharmendar Reddy Yanala, Anil Kumar Mella, “Radiation and heat absorption effects on an unsteady MHD boundary layer flow along an accelerated infinite vertical plate with ramped plate temperature in the existence of slip condition”, *Partial Differential Equations in Applied Mathematics*, Available online 9 October 2021, 100166. <https://doi.org/10.1016/j.padiff.2021.100166>
 49. **B. Shankar Goud**, Mahantesh M. Nandeppanavar “Ohmic heating and chemical reaction effect on MHD flow of micropolar fluid past a stretching surface”, *Partial Differential Equations in Applied Mathematics*, 4 (2021) 100104. <https://doi.org/10.1016/j.padiff.2021.100104>.
 50. **B. Shankar Goud** and Dharmendar Reddy Yanala, “Finite element Soret Dufour effects on an unsteady MHD heat and mass transfer flow past an accelerated inclined vertical plate”, *Heat Transfer*. 2021, 50(8), pp.8553–8578. DOI: 10.1002/htj.22290.
 51. Dharmendar Reddy Yanala, Anil Kumar Mella, Srinivasa Rao Vempati, **B. Shankar Goud**: Influence of slip condition on transient laminar flow over an infinite vertical plate with ramped temperature in the presence of chemical reaction and thermal radiation, *Heat Transfer*, 2021,50(8),2021,pp. 7654-7671, <https://doi.org/10.1002/htj.22247>.
 52. P.Mangathai, **B.Shankar Goud**, Dharmendar Reddy Yanala: Soret and heat source effects on MHD convection flow past an infinite vertical plate embedded in porous medium in presence of viscous, Joules dissipation and chemical reaction”, *Turkish Journal of Computer and Mathematics Education* Vol.12 No. 11 (2021), 2392- 2403
 53. **Shankar Goud Bejawada**, Zafar Hayat Khan, Muhammad Hamid “Heat generation/absorption on MHD flow of a micropolar fluid over a heated stretching surface in the presence of the boundary parameter”, *Heat Transfer*.50(6) 2021; pp. 6129-6147, <https://doi.org/10.1002/htj.22165>.
 54. **B. Shankar Goud**, Mohammed Fareeduddin, and Pudhari Srilath “Boundary layer and heat transfer Williamson fluid flow over a stretching sheet with Newtonian heating”, *Turkish Journal of Computer and Mathematics Education* Vol.12 No.10 (2021), 1275 – 1280.
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 56. Thadakamalla Srinivasulu, **B.ShankarGoud** “ Effect of Inclined Magnetic Field on Flow, Heat and Mass Transfer of Williamson Nanofluid over a Stretching Sheet”, *Case Studies in Thermal Engineering* [Volume 23](https://doi.org/10.1016/j.csite.2020.100819), February 2021, 100819 , <https://doi.org/10.1016/j.csite.2020.100819>.

57. **B. Shankar Goud**, Y. Dharmendar Reddy, V. Srinivasa Rao, Zafar Hayat Khan “Thermal radiation and joule heating effects on a magnetohydrodynamic Casson nanofluid flow in the presence of chemical reaction through a non-linear inclined porous stretching sheet”, *Journal of Naval Architecture and Marine Engineering*, 7(2), 2020, pp.143-164. <http://dx.doi.org/10.3329/jname.v17i2.49978>
58. **B.ShankarGoud**, P Bindu, Pudhari Srilatha, Y. Hari Krishna “ The Joule heating effect on MHD natural convective fluid flow in a permeable medium over a semi-infinite inclined vertical plate in the presence of the chemical reaction”, *IOP Conf. Series: Materials Science and Engineering* 993 (2020) 012111 [.doi:10.1088/1757-899X/993/1/012111](https://doi.org/10.1088/1757-899X/993/1/012111).
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61. **B. Shankar Goud**, P. Pramod Kumar, Bala Siddulu Malga “Effect of Heat source on an unsteady MHD free convection flow of Casson fluid past a vertical oscillating plate in porous medium using finite element analysis”, *Partial Differential Equations in Applied Mathematics* Volume 2, December 2020, 100015. <https://doi.org/10.1016/j.padiff.2020.100015>.
62. **B. Shankar Goud** “Heat Generation/Absorption influence on steady stretched permeable surface on MHD flow of a micropolar fluid through a porous medium in the presence of variable suction/injection”, *International Journal of Thermofluids*, vol.7-8 (2020) 100044. <https://doi.org/10.1016/j.ijft.2020.100044>.
63. **B. Shankar Goud**, K. Sudhakar Reddy, P. Suresh M.V. Ramana Murthy “Numerical solution of free convective stratified fluid flow over an infinite vertical porous plate with hall effect”, *International Journal of Mechanical and Production Engineering Research and Development*, Vol. 10, Issue 3, Jun 2020, 10019–10030.
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65. **B. Shankar Goud**, D Mahendar, and M. N. Raja Shekar “Thermal radioactive influence on MHD free convection flow across a porous medium in a vertical surface with temperature”, *AIP Conference Proceedings* 2246, pp. 020081-7 (2020); <https://doi.org/10.1063/5.0014524>.
66. **B. Shankar Goud**, Pudhari Srilatha, Someshwar Siddi, Amraj Srilatha “Effects of thermal radiation on MHD free convection flow past a vertical porous plate in the presence of chemical reaction- FEM”, *Journal of Critical Reviews*, 7(18), 2020, pp. 2600-2609.
67. Hari Singh Naik, **B. Shankar Goud**, P. Suresh, M. V. Ramana Murthy “Suction/injection effects on free convective fluid flow over a moving vertical porous plate with variable time”, *Journal of Critical Reviews*, 7(18), 2020, pp. 1324-1328.
68. **B. Shankar Goud** “Thermal Radiation Influences on MHD Stagnation Point Stream over a Stretching Sheet with Slip Boundary Conditions”, *International Journal of Thermofluid Science and Technology* (2020), 7(2), Paper No.070201.

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INTERNATIONAL CONFERENCES:

1. **B. Shankar Goud** et al., “Thermal Stratification Impacts On MHD Non-Darcian Flow Due to Horizontal Stretching Sheet Embedded in a Porous Medium with Suction/Blowing” in the First International Conference on Impending Inquisitions in Humanities and Sciences (ICIIHS-2022) held on 28-30 November, 2022 organized by the Department of Humanities and Sciences, K L(Deemed-to-be) University, Hyderabad.
2. **B. Shankar Goud** et al., “Chemical reaction effects on MHD freeconvective flow past parabolic started vertical plate in the presence of viscous dissipation and variable temperature” in the First International Conference on Impending Inquisitions in Humanities and Sciences (ICIIHS-2022) held on 28-30 November, 2022 organized by the Department of Humanities and Sciences, K L(Deemed-to-be) University, Hyderabad.
3. **B. Shankar Goud** et al., Induced by Heat Source on Unsteady MHD Free Convective Flow of Casson Fluid Past a Vertically Oscillating Plate through Porous Medium Utilizing Finite Difference Method. Fourth International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2022) to be held at Velalar College of Engineering and Technology, Erode, Tamil Nadu, India during 08-09, December 2022.
4. **B. Shankar Goud** et al., Heat source/sink effect on MHD heat transfer fluid flow over a stretching cylinder with porous medium, XXX Congress of APTSMS& International conference on Mathematics & Its Relevance to Science and Engineering (ICMRSE2022) organized by Department of Mathematics, Osmania University, Hyderabad-500007.
5. **B. Shankar Goud** et al., “Suction/Injection Effects On a Stretching Surface Of The Stagnation Point Flow Through Porous Medium With Influence Of Heat Generation” presented at A two day International seminar on “4 th International Conference on Innovations in Mechanical Engineering (ICIME-2021)” Hosted by Guru Nanak Institutions (GNI)Ibrahimpatnam, Rangareddy, to be held on 26th - 27th February, 2021.
6. **B.Shankar Goud** , D. Mahender :**Effects of Thermal Radiation on MHD Free Convection Flow Past a Vertical Porous Plate in the Presence of Chemical Reaction- FEM** International Conference on Computational & Experimental Methods for Advancing Engineering Systems Applications (ICCEAESA - 2019) **August 23, 2019, organized by Department of Mathematics, B.V. RAJU INSTITUTE OF TECHNOLOGY Vishnupur, Narsapur, Medak -502313 Telangana, India.**
7. **B.Shankar Goud** , D. Mahender, MN Raja Shekar: Thermal radiation Influence o MHD Free Convection flow across a porous medium in a vertical surface with temperature. **International Conference on Mathematical Sciences and Applications, August 9-11, 2019, organized by Department of Mathematics, School of Technology GITAM (Deemed to be University), Hyderabad, Telangana, India.**
8. **B. Shankar Goud**, MN. Raja Shekar :Implicit finite difference method for MHD flow of a micropolar fluid past a stretching sheet with heat transfer, **Fifth International**

**Conference on Computational Methods for Thermal Problems
THERMACOMP2018, July 9-11, 2018, Indian Institute of Science, Bangalore,
INDIA**

9. **B. Shankar Goud**, Y.Dharmendhar Reddy :Chemical reaction effect on MHD Heat and Mass transfer fluid flow over a moving vertical plate with heat source and convective boundary condition, **International conference on Numerical Heat Transfer & Fluid Flow NHTFF-2018, January 19th -21st, 2018, organized by Department of Mathematics, National Institute of Technology(NIT) , Warangal, Telangana, India.**

NATIONAL CONFERENCES:

1. **B. Shankar Goud**, MN. Raja Shekar : Some effects on an Unsteady MHD flow past an impulsive started inclined Oscillating plate with Mass diffusion and variable temperature using finite element method, National conference on Recent Advances of Mathematical techniques in Science and Engineering, 30th& 31st July 2017, organized by Department of mathematics **Osmania University**, Telangana, India.
2. **B. Shankar Goud**, MN. Raja Shekar : Effects on MHD flow past a parabolic started vertical plate with variable temperature and Mass diffusion in the presence of Viscous dissipation-FEM , Two days conference on contemporary Approach in scientific computing August 29th -30th 2017, organized by Department of mathematics, **Osmania University**, Hyderabad, Telangana, India.
3. **B. Shankar Goud:** Finite element analysis of transient natural convection flow past an accelerated finite vertical plate, A Two day national Seminar on Recent Trends in Applications of Differential Equations (RTADE-2018), 19th-20th January2018, Organized by Department of Humanities & Sciences (Mathematics), Gurunanak Institutions technical campus (Autonomous), Talangana, India.
4. **B. Shankar Goud** Pudhari Srilatha: Solution of MHD flows of UCM fluids above porous stretching sheets, National conference on Air Conditioning, Heat Transfer and Energy Conservation -2018,17th and 18th August 2018, Organized by Department of Mechanical Engineering, Sreyas Institute of Engineering and Technology, Telangana, India.

WORKSHOPS:

1. Participated three day workshop on “MATLAB Applications in Mechanical Engineering”, under TEQIP-III organized by Department of Mechanical Engineering, JNTUH College of Engineering Hyderabad on 13th – 15th May 2019.
2. Participated one day seminar on “Applications of Mathematics in Science and Technology”, organized by Department of Mathematics, Vignana Bharathi Institute of Technology , Hyderabad on 29th Mar 2019.
3. Participated three day workshop on “NBA Accreditation (SAR Filling and Preparation for Assessment)” under TEQIP-III organized by Engineering Staff College of India at JNTUH on 14th -16th Dec 2017.
4. Participated one day pre-conference workshop on “Computational Intelligence: Recent Trends”, organized by Department of Computer Science & Engineering, JNTUH College of Engineering Hyderabad, on 25th Sept 2017.

5. Participated two day workshop on “Innovative Pedagogy for teaching and learning engineering Mathematics”, organized by Department of Mathematics, JNTUH College of Engineering Hyderabad on 29th -.30th June 2016.
6. Participated “Awareness workshop on Outcome based Education and Accreditation” under TEQIP-II conducted by National Board of Accreditation & Jawaharlal Nehru Technological University Hyderabad, on 14th Sept 2015.
7. Participated workshop on “Use of technologies for teaching and learning of Engineering Mathematics” under TEQIP-II conducted by Department of Mathematics, JNTUH College of Engineering Hyderabad on 24th -25th July 2015.
8. Participated three day “Orientation Course” under TEQIP-II conducted by JNTUH College of Engineering Hyderabad on 12th -14th Sept 2013.
9. Participated one day workshop on “Mathematical Modeling and Its applications for Engineers and Scientists” under TEQIP-II conducted by Department of Mathematics, JNTUH College of Engineering Hyderabad on 30th Aug 2015.
10. Participated a two days national workshop on “Application of Mathematics in various branches of Engineering and Bio-Sciences”, under TEQIP-II organized by Department of Mathematics and Humanities, Chaitanya Bharathi Institute of Technology(CBIT) during 13th -14th Aug 2013.
11. Attended a six day “ Training Programme for the Teacher of Engineering Colleges” sponsored by APSCHE in Association with JNTUH organized at JNTUH College of Engineering, Nachupally(Kondagattu), Karimnagar , on 19th -24th Nov 2012.

COMPUTING SKILLS:

Applications: Microsoft Office Suite, Internet Explorer, Paint etc.

Softwares: Origin Lab, Photoshop.

Operating Systems: Linux, Windows Vista, Windows XP.

PROGRAMMING SKILLS

- C, C++
- MATLAB, R Programming, Python.

OTHER INFORMATION (IF ANY):

1. Qualified CSIR-UGC NET for Assistant Professor/ Lecturer in December 2016.
2. Qualified Telangana state eligibility test for Lectureship Assistant Professor/ Lecturer in JUNE 2017.

OTHER SKILLS

- Knowledge of research methodologies.
- Data and information collection.
- Writing and presenting reports.
- Have lead several seminars for undergraduates and PG in the Department of Mathematics.

- Postgraduate Demonstrator, Regularly supervise practical's for undergraduate students.

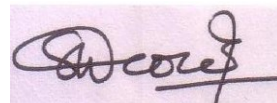
DECLARATION:

I **B. Shankar Goud** hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Date:

Yours Sincerely,

Place: Hyderabad

A handwritten signature in black ink on a light pink background. The signature is cursive and appears to read 'B. Shankar Goud'.

(B.SHANKAR GOUD)