FACULTY PROFILE

Dr.Prasannakumara.B.C

Associate Professor

Department of Mathematics,

Qualification : M.Sc., Ph.D.

Areas of Specialization : Fluid Mechanics.

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Vision

Educational Qualifications

Sl. No.	Degree	Specialization/ Subjects	University	Year of Award/ Passing
1	**PhD.,**	Mathematics	Kuvempu University, Shankaraghatta,Shimoga, Karnataka. Guide: Prof C. S. Bagewadi	2007
2	**M.Phil.,**	-	-	-
3	**NET/SLET**	-	-	-
4	**PG**	Mathematics	Kuvempu University, Shankaraghatta,Shimoga, Karnataka.	2000
5	**UG**	Pcm	Kuvempu University, Shankaraghatta,Shimoga, Karnataka.	1997

Professional Details (Academic/Research Experience)

Sl. No.	Designation	Institution/University	UG/PG	From	To
1	Associate Professor	Davangere University, Shivagangotri, Davangere- 577002, Karnataka,	PG	May 2019	Present
2	Assistant Professor	Government First Grade College, Koppa-577126, Chikkamagalur(District).	UG	September 2009	April 2019

3	Assistant Professor	BTL College of Engineering and Technology,Bangalore	UG	August 2004	August 2009
4	Assistant Professor	SBM Jain College of Engineering,Bangalore	UG	August 2004	August 2009
5	Assistant Professor	Bangalore College of Engineering and Technology, Bangalore	UG	August 2004	August 2009

Areas of Research Interest:	
1.	Two phase fluid flow
2.	Boundary layer theory
3.	Numerical analysis
4.	Non-Newtonian fluid

Academic/Administrative responsibilities:	
1.	Member, World Enformatica Society.
2.	Member, U.G.Board of Studies, Kuvempu University, Shimoga.
3.	Member, U.G.Board of Studies, Sahyadri Science College, Shimoga.
4.	Doctoral Committee Member, Periyar University, Salem, (TN).
5.	Member, International association of Engineries (IAENG).

Research Projects:

Sl. No.	Title of the Project	Funding Agency	Project Budget	Period	Status
1.	A Study on Magneto Dusty Fluid Flow in Frenet Frame Field System	UGC Sponsored Minor Research Project	1,50,000.00	March 2011 to September 2012	Completed

2.	Boundary layer analysis of two-phase fluid flow structure and heat transfer over a stretching/shrinking sheet	Vision Group on Science and Technology, Government of Karnataka.	6,000,00.00	March 2014 To March 2016	Completed
3.	Numerical investigation on boundary layer flow of fluid particle suspension and heat transfer over a stretching/shrinking sheet	UGC Sponsored Major Research Project	Rs.12,25,000.00	April 2015 to April 2018	

Research Publications:	
a) International Journals/ National Journals	
1.	J. K. Madhukesh et al., "Numerical simulation of AA7072-AA7075/water-based hybrid nanofluid flow over a curved stretching sheet with Newtonian heating: A non-Fourier heat flux model approach," J. Mol. Liq., vol. 335, p. 116103, Aug. 2021, doi: 10.1016/j.molliq.2021.116103.
2.	R. Naveen Kumar et al., "Impact of magnetic dipole on thermophoretic particle deposition in the flow of Maxwell fluid over a stretching sheet," J. Mol. Liq., vol. 334, p. 116494, Jul. 2021, doi: 10.1016/j.molliq.2021.116494.
3.	K. Sarada, R. J. P. Gowda, I. E. Sarris, R. N. Kumar, and B. C. Prasannakumara, 'Effect of Magnetohydrodynamics on Heat Transfer Behaviour of a Non-Newtonian Fluid Flow over a Stretching Sheet under Local Thermal Non-Equilibrium Condition', Fluids, vol. 6, no. 8, Art. no. 8, Aug. 2021, doi: 10.3390/fluids6080264.
4.	G. K. Ramesh, J. K. Madhukesh, B. C. Prasannakumara, and G. S. Roopa, 'Significance of aluminium alloys particle flow through a parallel plate with activation energy and chemical reaction', J. Therm. Anal. Calorim., Jul. 2021, doi: 10.1007/s10973-021-10981-2.
5.	Q.-H. Shi et al., 'Numerical study of bio-convection flow of magneto-cross nanofluid containing gyrotactic microorganisms with activation energy', Sci. Rep., vol. 11, no. 1, p. 16030, Aug. 2021, doi: 10.1038/s41598-021-95587-2.

6.	Y.-Q. Song et al., 'Physical impact of thermo-diffusion and diffusion-thermo on Marangoni convective flow of hybrid nanofluid (MnZiFe2O4–NiZnFe2O4–H2O) with nonlinear heat source/sink and radiative heat flux', Mod. Phys. Lett. B, vol. 35, no. 22, p. 2141006, Aug. 2021, doi: 10.1142/S0217984921410062.
7.	Y.-Q. Song et al., 'Solar energy aspects of gyrotactic mixed bioconvection flow of nanofluid past a vertical thin moving needle influenced by variable Prandtl number', Chaos Solitons Fractals, vol. 151, p. 111244, Oct. 2021, doi: 10.1016/j.chaos.2021.111244.
8.	A. M. Jyothi, R. S. V. Kumar, J. K. Madhukesh, B. C. Prasannakumara, and G. K. Ramesh, 'Squeezing flow of Casson hybrid nanofluid between parallel plates with a heat source or sink and thermophoretic particle deposition', Heat Transf., vol. n/a, no. n/a, doi: 10.1002/htj.22221.
9.	J. K. Madhukesh, G. K. Ramesh, R. S. Varun Kumar, B. C. Prasannakumara, and M. Kbiri Alaoui, 'Computational study of chemical reaction and activation energy on the flow of Fe3O4-Go/water over a moving thin needle: Theoretical aspects', Comput. Theor. Chem., vol. 1202, p. 113306, Aug. 2021, doi: 10.1016/j.comptc.2021.113306.
10.	Y.-Q. Song et al., 'Unsteady mixed convection flow of magneto-Williamson nanofluid due to stretched cylinder with significant non-uniform heat source/sink features', Alex. Eng. J., Jun. 2021, doi: 10.1016/j.aej.2021.04.089.
11.	. M. Jyothi, N. R, P. G. R. J, and B. C. Prasannakumara, 'Significance of Stefan blowing effect on flow and heat transfer of Casson nanofluid over a moving thin needle.', Commun. Theor. Phys., 2021, doi: 10.1088/1572-9494/ac0a65.
12.	Y.-X. Li et al., 'Dynamics of aluminum oxide and copper hybrid nanofluid in nonlinear mixed Marangoni convective flow with Entropy Generation: Applications to Renewable Energy', Chin. J. Phys., Jun. 2021, doi: 10.1016/j.cjph.2021.06.004.
13.	H. Alhumade et al., 'Effect of nonlinear radiation on flow and heat transfer of dusty fluid over a stretching cylinder with Cattaneo–Christov heat flux', Int. J. Mod. Phys. C, p. 2150156, Jun. 2021, doi: 10.1142/S0129183121501564.
14.	R. J. P. Gowda, A. Rauf, R. Naveen Kumar, B. C. Prasannakumara, and S. A. Shehzad, 'Slip flow of Casson–Maxwell nanofluid confined through stretchable disks', Indian J. Phys., Jun. 2021, doi: 10.1007/s12648-021-02153-7.
15.	R. J. P. Gowda, R. N. Kumar, A. M. Jyothi, B. C. Prasannakumara, and K. S. Nisar, 'KKL correlation for simulation of nanofluid flow over a stretching sheet considering magnetic dipole and chemical reaction', ZAMM - J. Appl. Math. Mech. Z. Für Angew. Math. Mech., vol. n/a, no. n/a, p. e202000372, doi: 10.1002/zamm.202000372.
16.	B. C. Prasannakumara, 'Numerical simulation of heat transport in Maxwell nanofluid flow over a stretching sheet considering magnetic dipole effect', Partial Differ. Equ. Appl. Math., vol. 4, p. 100064, Dec. 2021, doi: 10.1016/j.padiff.2021.100064.
17.	R. N. Kumar et al., 'Inspection of convective heat transfer and KKL correlation for simulation of nanofluid flow over a curved stretching sheet', Int. Commun. Heat Mass Transf., vol. 126, p. 105445, Jul. 2021, doi: 10.1016/j.icheatmasstransfer.2021.105445.
18.	S.-S. Zhou et al., 'Nonlinear mixed convective Williamson nanofluid flow with the suspension of gyrotactic microorganisms', Int. J. Mod. Phys. B, p. 2150145, Jun. 2021, doi: 10.1142/S0217979221501459.

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20.	Shashikumar N.S. Gireesha B.J, B.C. Prasannakumara, M. Umeshaiah, 'Three Dimensional Boundary Layer Flow of MHD Maxwell Nanofluid over a Non-Linearly Stretching Sheet with Nonlinear Thermal Radiation,' Journal of Applied Nonlinear Dynamics, vol. 10, no. 3, p. 263-277,2021, DOI: 10.5890/JAND.2021.06.006.
21.	R. S. Varun Kumar, R. J. Punith Gowda, R. Naveen Kumar, M. Radhika, and B. C. Prasannakumara, "Two-phase flow of dusty fluid with suspended hybrid nanoparticles over a stretching cylinder with modified Fourier heat flux," SN Appl. Sci., vol. 3, no. 3, p. 384, Feb. 2021, doi: 10.1007/s42452-021-04364-3.
22.	R. J. Punith Gowda, R. Naveen Kumar, and B. C. Prasannakumara, "Two-Phase Darcy-Forchheimer Flow of Dusty Hybrid Nanofluid with Viscous Dissipation Over a Cylinder," Int. J. Appl. Comput. Math., vol. 7, no. 3, p. 95, May 2021, doi: 10.1007/s40819-021-01033-2.
23.	R. J. Punith Gowda et al., "Thermophoretic particle deposition in time-dependent flow of hybrid nanofluid over rotating and vertically upward/ downward moving disk," Surf. Interfaces, vol. 22, p. 100864, Feb. 2021, doi: 10.1016/j.surfin.2020.100864.
24.	M. Radhika et al., "The flow of fluid-particle suspension between two rotating stretchable disks with the effect of the external magnetic field," Phys. Scr., vol. 96, no. 1, p. 015214, Dec. 2020, doi: 10.1088/1402-4896/abc9f1.
25.	W. Jamshed, K. S. Nisar, R. J. P. Gowda, R. N. Kumar, and B. C. Prasannakumara, "Radiative heat transfer of second grade nanofluid flow past a porous flat surface: a single-phase mathematical model," Phys. Scr., vol. 96, no. 6, p. 064006, Apr. 2021, doi: 10.1088/1402-4896/abf57d.
26.	A. Hamid, M. I. Khan, R. N. Kumar, R. J. P. Gowda, and B. C. Prasannakumara, "Numerical study of bio-convection flow of magneto-Cross nanofluid containing gyrotactic microorganisms with effective Prandtl number approach," p. 24.
27.	R. Naveen Kumar, R. J. P. Gowda, B. J. Gireesha, and B. C. Prasannakumara, "Non-Newtonian hybrid nanofluid flow over vertically upward/downward moving rotating disk in a Darcy–Forchheimer porous medium," Eur. Phys. J. Spec. Top., Apr. 2021, doi: 10.1140/epjs/s11734-021-00054-8.
28.	R. S. V. Kumar, P. G. Dhananjaya, R. N. Kumar, R. J. P. Gowda, and B. C. Prasannakumara, "Modeling and theoretical investigation on Casson nanofluid flow over a curved stretching surface with the influence of magnetic field and chemical reaction," Int. J. Comput. Methods Eng. Sci. Mech., vol. 0, no. 0, pp. 1–8, Mar. 2021, doi: 10.1080/15502287.2021.1900451.
29.	M. Ijaz Khan et al., "Marangoni convective flow of hybrid nanofluid (MnZnFe2O4-NiZnFe2O4-H2O) with Darcy Forchheimer medium," Ain Shams Eng. J., Mar. 2021, doi: 10.1016/j.asej.2021.01.028.
30.	M. G. Reddy, N. K. R, B. C. Prasannakumara, N. G. Rudraswamy, and K. G. Kumar, "Magnetohydrodynamic flow and heat transfer of a hybrid nanofluid over a rotating disk by considering Arrhenius energy," Commun. Theor. Phys., vol. 73, no. 4, p. 045002, Feb. 2021, doi: 10.1088/1572-9494/abdaa5.

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32.	R. J. P. Gowda, R. N. Kumar, A. Rauf, B. C. Prasannakumara, and S. A. Shehzad, “Magnetized flow of sutterby nanofluid through cattaneo-christov theory of heat diffusion and stefan blowing condition,” Appl. Nanosci., May 2021, doi: 10.1007/s13204-021-01863-y.
33.	T. A. Yusuf, R. Naveen Kumar, B. C. Prasannakumara, and S. O. Adesanya, “Irreversibility analysis in micropolar fluid film along an incline porous substrate with slip effects,” Int. Commun. Heat Mass Transf., vol. 126, p. 105357, Jul. 2021, doi: 10.1016/j.icheatmasstransfer.2021.105357.
34.	F. Mabood, A. Rauf, B. C. Prasannakumara, M. Izadi, and S. A. Shehzad, “Impacts of Stefan blowing and mass convention on flow of Maxwell nanofluid of variable thermal conductivity about a rotating disk,” Chin. J. Phys., vol. 71, pp. 260–272, Jun. 2021, doi: 10.1016/j.cjph.2021.03.003.
35.	R. N. Kumar, R. J. P. Gowda, J. K. Madhukesh, B. C. Prasannakumara, and G. K. Ramesh, “Impact of thermophoretic particle deposition on heat and mass transfer across the dynamics of Casson fluid flow over a moving thin needle,” Phys. Scr., vol. 96, no. 7, p. 075210, Apr. 2021, doi: 10.1088/1402-4896/abf802.
36.	R. N. Kumar et al., “Impact of magnetic dipole on ferromagnetic hybrid nanofluid flow over a stretching cylinder,” Phys. Scr., vol. 96, no. 4, p. 045215, Feb. 2021, doi: 10.1088/1402-4896/abe324.
37.	R. J. Punith Gowda, R. Naveen Kumar, A. M. Jyothi, B. C. Prasannakumara, and I. E. Sarris, “Impact of Binary Chemical Reaction and Activation Energy on Heat and Mass Transfer of Marangoni Driven Boundary Layer Flow of a Non-Newtonian Nanofluid,” Processes, vol. 9, no. 4, Art. no. 4, Apr. 2021, doi: 10.3390/pr9040702
38.	A. M. Jyothi, R. N. Kumar, R. J. P. Gowda, Y. Veeranna, and B. C. Prasannakumara, “Impact of activation energy and gyrotactic microorganisms on flow of Casson hybrid nanofluid over a rotating moving disk,” Heat Transf., vol. n/a, no. n/a, doi: https://doi.org/10.1002/htj.22129.
39.	M. Radhika, R. J. P. Gowda, R. Naveenkumar, Siddabasappa, and B. C. Prasannakumara, “Heat transfer in dusty fluid with suspended hybrid nanoparticles over a melting surface,” Heat Transf., vol. 50, no. 3, pp. 2150–2167, 2021, doi: https://doi.org/10.1002/htj.21972.
40.	R. J. Punith Gowda, R. Naveen Kumar, B. C. Prasannakumara, B. Nagaraja, and B. J. Gireesha, “Exploring magnetic dipole contribution on ferromagnetic nanofluid flow over a stretching sheet: An application of Stefan blowing,” J. Mol. Liq., vol. 335, p. 116215, Aug. 2021, doi: 10.1016/j.molliq.2021.116215.
41.	P.-Y. Xiong et al., “Dynamics of multiple solutions of Darcy–Forchheimer saturated flow of Cross nanofluid by a vertical thin needle point,” Eur. Phys. J. Plus, vol. 136, no. 3, p. 315, Mar. 2021, doi: 10.1140/epjp/s13360-021-01294-2.
42.	Y.-X. Li et al., “Dual branch solutions (multi-solutions) for nonlinear radiative Falkner–Skan flow of Maxwell nanomaterials with heat and mass transfer over a static/moving wedge,” Int. J. Mod. Phys. C, p. 2150130, Apr. 2021, doi: 10.1142/S0129183121501308.

43.	B. M. Shankaralingappa, B. J. Gireesha, B. C. Prasannakumara, and B. Nagaraja, “Darcy-Forchheimer flow of dusty tangent hyperbolic fluid over a stretching sheet with Cattaneo-Christov heat flux,” Waves Random Complex Media, vol. 0, no. 0, pp. 1–20, Feb. 2021, doi: 10.1080/17455030.2021.1889711.
44.	A. Hamid, Y.-M. Chu, M. I. Khan, R. N. Kumar, R. J. P. Gowd, and B. C. Prasannakumara, “Critical values in axisymmetric flow of magneto-Cross nanomaterial towards a radially shrinking disk,” Int. J. Mod. Phys. B, vol. 35, no. 07, p. 2150105, Mar. 2021, doi: 10.1142/S0217979221501058.
45.	R. J. Punith Gowda et al., “Computational modelling of nanofluid flow over a curved stretching sheet using Koo–Kleinstreuer and Li (KKL) correlation and modified Fourier heat flux model,” Chaos Solitons Fractals, vol. 145, p. 110774, Apr. 2021, doi: 10.1016/j.chaos.2021.110774.
46.	R. J. Punith Gowda, H. M. Baskonus, R. Naveen Kumar, B. C. Prasannakumara, and D. G. Prakasha, “Computational Investigation of Stefan Blowing Effect on Flow of Second-Grade Fluid Over a Curved Stretching Sheet,” Int. J. Appl. Comput. Math., vol. 7, no. 3, p. 109, May 2021, doi: 10.1007/s40819-021-01041-2.
47.	R. Naveen Kumar, R. Punith Gowda, G. Prasanna, B. Prasannakumara, K. S. Nisar, and W. Jamshed, “Comprehensive study of thermophoretic diffusion deposition velocity effect on heat and mass transfer of ferromagnetic fluid flow along a stretching cylinder,” Proc. Inst. Mech. Eng. Part E J. Process Mech. Eng., p. 09544089211005291, Mar. 2021, doi: 10.1177/09544089211005291.
48.	T.-H. Zhao, M. I. Khan, S. Qayyum, R. N. Kumar, Y.-M. Chu, and B. C. Prasannakumara, “Comparative study of ferromagnetic hybrid (manganese zinc ferrite, nickle zinc ferrite) nanofluids with velocity slip and convective conditions,” Phys. Scr., vol. 96, no. 7, p. 075203, Apr. 2021, doi: 10.1088/1402-4896/abf26b.
49.	P.-Y. Xiong, M. I. Khan, R. J. P. Gowda, R. N. Kumar, B. C. Prasannakumara, and Y.-M. Chu, “Comparative analysis of (Zinc ferrite, Nickel Zinc ferrite) hybrid nanofluids slip flow with entropy generation,” Mod. Phys. Lett. B, p. 2150342, May 2021, doi: 10.1142/S0217984921503425.
50.	M. J. Kotresh, G. K. Ramesh, V. K. R. Shashikala, and B. C. Prasannakumara, “Assessment of Arrhenius activation energy in stretched flow of nanofluid over a rotating disc,” Heat Transf., vol. 50, no. 3, pp. 2807–2828, 2021, doi: https://doi.org/10.1002/htj.22006.
51.	V. Kumar, J. K. Madhukesh, A. M. Jyothi, B. C. Prasannakumara, M. Ijaz Khan, and Y.-M. Chu, “Analysis of single and multi-wall carbon nanotubes (SWCNT/MWCNT) in the flow of Maxwell nanofluid with the impact of magnetic dipole,” Comput. Theor. Chem., vol. 1200, p. 113223, Jun. 2021, doi: 10.1016/j.comptc.2021.113223.
52.	M. Gnaneswara Reddy, R. Punith Gowda, R. Naveen Kumar, B. Prasannakumara, and K. Ganesh Kumar, “Analysis of modified Fourier law and melting heat transfer in a flow involving carbon nanotubes,” Proc. Inst. Mech. Eng. Part E J. Process Mech. Eng., p. 09544089211001353, Mar. 2021, doi: 10.1177/09544089211001353.
53.	D. G. Prakasha, N. S. Malagi, P. Veeresha, and B. C. Prasannakumara, “An efficient computational technique for time-fractional Kaup-Kupershmidt equation,” Numer. Methods Partial Differ. Equ., vol. 37, no. 2, pp. 1299–1316, 2021, doi: https://doi.org/10.1002/num.22580.

54.	N. S. Malagi, P. Veeresha, B. C. Prasannakumara, G. D. Prasanna, and D. G. Prakasha, “A new computational technique for the analytic treatment of time-fractional Emden Fowler equations,” Math. Comput. Simul., May 2021, doi: 10.1016/j.matcom.2021.05.030.
55.	G. Sowmya, B. J. Gireesha, S. Sindhu, and B. C. Prasannakumara, “Investigation of Ti6Al4V and AA7075 alloy embedded nanofluid flow over longitudinal porous fin in the presence of internal heat generation and convective condition,” *Commun. Theor. Phys.*, vol. 72, no. 2, 2020, doi: 10.1088/1572-9494/ab6904.
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59.	M. J. Kotresh, G. K. Ramesh, V. K. R. Shashikala, and B. C. Prasannakumara, “Assessment of Arrhenius activation energy in stretched flow of nanofluid over a rotating disc,” *Heat Transf.*, no. October, pp. 1–22, 2020, doi: 10.1002/htj.22006.
60.	P. G. R. Jayadevamurthy, N. kumar Rangaswamy, B. C. Prasannakumara, and K. S. Nisar, “Emphasis on unsteady dynamics of bioconvective hybrid nanofluid flow over an upward–downward moving rotating disk,” *Numer. Methods Partial Differ. Equ.*, no. October, pp. 1–22, 2020, doi: 10.1002/num.22680.
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66.	A. Baslem, G. Sowmya, B. J. Gireesha, B. C. Prasannakumara, M. Rahimi-Gorji, and N. M. Hoang, “Analysis of thermal behavior of a porous fin fully wetted with nanofluids: convection and radiation,” *J. Mol. Liq.*, vol. 307, p. 112920, 2020, doi: 10.1016/j.molliq.2020.112920.
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Book Published / Book Chapters Published:

Title	: Advanced Differential Equations
Authors	:
Publisher	: ISBN. 978-93-85883-08-08 International, 2017.
Title	: Boundary layer flow and heat transfer of Oldroyd-B and Casson fluid.
Authors	**:**
Publisher	: LAMBERT Academic Publishing ISBN: 978-3-330-06409-6 International 2017.
Title	: Slip Flow and Melting Heat Transfer of Non-Newtonian Nanofluid
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Title	: Proceedings of National Conference on GEOMETRY, ANALYSIS AND FLUID MECHANICS
Authors	**:**
Publisher	: ISBN: 978-81-926808-1-1,2013
Title	: Proceedings of National Conference on MATHEMATICAL SCIENCES AND APPLICATION.
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Title	: Proceedings of National Workshop on PARTIAL DIFFERENTIAL EQUATIONS AND NUMERICAL METHODS IN FLUID DYNAMICS
Authors	**:**
Publisher	: ISBN: 978-81-926808-5-9,2016
Title	:New Development for Heat Transfer in Solids and Fluid Flow.
Authors	**:** Dr. B. C. Prasannakumara
Editor	:Professor O. D. Makinde, 2017
Chapter	**:** Effects of Nonlinear Thermal Radiation and Second Order Slip on Casson Nanofluid Flow between Parallel Plates, Vol. 377, pp. 84-94, 2017
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Editor	:Professor O. D. Makinde, 2017
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Authors	**:** Dr.B.J.Gireesha
Editor	:Professor O. D. Makinde, 2017
Chapter	**:** Impact of chemical reaction on Marangoni boundary layer flow of a Casson nano liquidin the presence of uniform heat source sink, Vol. 11, pp. 22-32, 2017
Publisher	: Defect and Diffusion Forum - Scientific.net

Research Guidance Details (MPhil/PhD):

No	Name of the Scholar	University	Registration month & Year	Research Area
1.	Jyothi A M	VTU-RRC	2015 NOVEMBER	FLUID MECHANICS
2.	Madhukesh J K	Davangere University	2020 FEBRUARY	FLUID MECHANICS
3.	Naveen Kumar R	Davangere University	2020 FEBRUARY	FLUID MECHANICS
4.	Punith Gowda R J	Davangere University	2020 FEBRUARY	FLUID MECHANICS
5.	Varun Kumar R S	Davangere University	2020 FEBRUARY	FLUID MECHANICS

Conference/ Workshops/Trainings attended/organized:

International/National Conferences:

1. UGC Sponsored National Conference on MATHEMATICAL SCIENCES AND APPLICATION. 9th March 2013.
2. National Conference on GEOMETRY, ANALYSIS AND FLUID MECHANICS, 22-23, September 2013, Sponsored by UGC, CSIR and INSA. UGC Sponsored National Workshop on PARTIAL DIFFERENTIAL EQUATIONS AND NUMERICAL METHODS IN FLUID DYNAMICS, 4-5, March, 2016.

Workshops/Seminars/Symposium Attended:

Sl NO	Title of the paper	Title of Conference/ Symposia	Date of the event	Organized by	National/ International /State/College Level
1.	Flow of unsteady dusty fluid between two oscillating plates	"Geometry, analysis, fluid mechanics and computer applications	9-11 December 2004	Dept. of Mathematics and computer science, kuvempu university, shankaraghatta	National

2.	Unsteady dusty fluid plates with different periods	"Recent developments on mathematics and its applications"	20-22, January 2005	Dept. of Mathematics, North Bengal University, North Bengal, west Bengal	National
3.	Unsteady flow of a dusty fluid between two arbitrary oscillating plates	"Recent developments in Mathematics"	30, March, 2007	Dept. of Mathematics, Bangalore University, Bangalore	National
4.	Exact solutions of unsteady dusty fluid flow between parallel plates	The 19th international conference of the jangjeon mathematical scociety	22-24 February 2007	Dept. of Mathematics, Bangalore University, Bangalor	International
5.	An exact solution of an unsteady dusty fluid flow through an open rectangular channel	"Advances in Mathematics: Historical developments and engineering applications"	19-22 December 2007	Dept. of Mathematics, G.B Pant University, Pantnagar	International
6.	participated	"Modern trends in differential geometry and Mathematical modelling in bio-science"	9-10, January, 2010	Dept. of Mathematics, Lucknow university, Lucknow	National
7.	Unsteady flow of dusty fluid between two non-torsional oscillating plates	"Recent advances in Mathematics and Applications"	13-15, January, 2010	Dept. of Mathematics, Burdwan University, Burdwan	International
8.	Transition motion of an unsteady dusty fluid through an open rectangular channel	"The tensor society on differential geometry and its applications"	27-28, may 2011	Department of P.G studies and research in mathematics, Kuvempu university	National
9.	Flow of an unsteady conducting dusty fluid through rectangular channel	"Recent development in mathematics"	4-5, may 2012	Dept. of PG studies in mathematics, kuvempu university	National
10.	MHD dusty fluid between non-torsional oscillating plate and a long	"Geometry, algebra, logic and number theory, applications"	6 December 2012	Dept. of studies and research in mathematics, Tumkur university	National

	wavy wall in frenet frame				
11.	Analysis of MHD dusty fluid flow in a frenet frame field system	"Different geometry"	25 July 2013	Dept. of Mathematics, Bangalore university Bangalore	National
12.	Pulsatile flow of an unsteady dusty fluid through rectangular channel in anholonomic	"International conference on mathematics"	9-10 August 2013	International multidisciplinary research foundation Regd	International
13.	Analysis of conducting dusty fluid flow in a porous medium over a stretching cylinder with non-uniform source/slink	"Emerging trends in mathematics and its applications"	6-7 march 2014	department of Mathematics, Acharya nagarjuna university Ongole	National
14.	Two-Phase fluid flow of a Newtonian fluid over a stretching sheet	"Recent advances in mathematics and their implications"	8 march 2014	Dept. Of mathematics D.R.M. Science college Davangere	National
15.	Squeezing flow of a non-newloni Nano fluid	"Advances in geometry, analysis and fluid mechanics(NCAGAF-2014)"	26-27 August 2014	Department of P.G studies and research in mathematics Kuvempu university	National
16.	Melting phenomenon in magneto hydro dynamic stagnation point flow of dusty fluid over a stretching sheet embedded in a porous medium	"Numerical methods and network analysis NCONN-2014"	17-18 July 2014	Dept. of mathematics Mangalore university	National
17.	Lie group analysis and numerical solution for Maxwell fluid flow over a stretching sheet in the presence of nanoparticles	Pure and applied mathematics(NCPAM-2014)"	29 September 2014	Dept. of mathematics Sahyadri science college Shimoga	National

18.	Squeezing flow of a dusty Nano fluid between infinite porous parallel plates	"Differential geometry, analysis and fluid mechanics(ICDGAFM-2016)"	4-5 FEBRUARY 2016	Dept. of mathematics Kuvempu university	International
19.	Effect of diffusion-Thermo and Thermo diffusion on tow phase boundary layer flow over a stretching sheet with fluid particle suspension	"Recent advances in mathematics and its applications"	18-19 February 2016	JSS College of arts ,commerce and science Mysore	National
20.	Influence of nonlinear thermal recitation anel magnetic fluid on three-dimensional flow of a Maxwell Nano fluid	"Geometry, topology and their applications(NCGTA-2016)"	03-04 AUGUST 2016	Dept. of mathematics Karnatak university Dharwad	National
21.	Effect of non-linear thermal radiation on squeezing flow of siskonano fluid between parallel plates	"Numerical methods and its applications in science and engineering"	2-3 April 2016	Dept. of mathematics Karnataka arts, science and commerce college Bidar	National

Training Programme :

1.

2.

3.

Achievements/Awards / Abroad visit / Professional Membership

1.	Seed Money for Young Scientist for Research Vision Group on Science and Technology, Government of Karnataka, 2014

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