

# Curriculum Vitae



## Nagaraja H G

### Personal

Born on: April 15, 1966  
Place: Anjanapura, Shimoga, Karnataka  
Citizenship: INDIA

### Education

\* Ph.D. Mathematics Kuvempu University, 1995  
\* M.Sc. Specialization in Differential Topology Kuvempu University, 1990  
\* P G Diploma in Computer Science: University of Hyderabad 2006

**Present office address:** Department of Mathematics, Bangalore University  
Bengaluru - 560 056, INDIA

**E-mail:** [nagaraj@bub.ernet.in](mailto:nagaraj@bub.ernet.in),  
[hgnraj@yahoo.com](mailto:hgnraj@yahoo.com)

**Telephone:** Office +9180-22961439  
**Mobile** +919448375595

### Professional Employment (Permanent) and Positions held:

Positions held	Duration	Department/Institution
Chairman	2017-2019	Department of Mathematics
Professor	October 2013-till date	
Associate Professor	2010- 2013	Bangalore University Bengaluru-560056
Reader	2007- 2010	
Senior Scale Lecturer	2002-2007	
Lecturer	1998-2002	

**Specialization:** Differential geometry

**Teaching Experience:** 28 Years

### Courses and Subjects Taught:

Sl.No	Courses Taught	Subjects
1.	M.Sc, Mathematics	Topology, Differential Geometry, Algebra, Real Analysis, Theory of Riemannian Manifolds, Complex Analysis, Functional Analysis, Measure Theory, Numerical Analysis
2.	Ph.D. Course Work	Advanced Analysis, Riemannian Geometry
3.	M.E.	Applied Linear Algebra, Probability and Statistics, Numerical analysis
4.	B.E.	Engineering Mathematics

### Member of the Professional Bodies:

- 1) Life Member, Indian Mathematical Society
- 2) Life Member, Indian Society of Mathematics and Mathematical Sciences
- 3) Life Member, Ramanujan Mathematical Society
- 4) Life Member, The Tensor Society of India

### Member of the Boards

- 1) PG BOS in Mathematics:-  
Chairman(2017-2019): Bangalore University,  
Member:.,Bangalore University and Universities in Karnataka and Autonomous colleges, Bangalore
- 2) PG BOE, UG (Professional) BOE in Mathematics  
Chairman: Bangalore University,  
Member:.,Bangalore University and Universities in Karnataka and Autonomous colleges, Bangalore
- 3) Member: BOA  
Kerala Agricultural Univ., Pondicherry Univ., Meeruth Univ., GKVK, Bangalore

### Conferences/Workshops/Seminars Organized

- 1) **Course Coordinator:** Refresher course in Mathematics, 18.01.2021–01.02.2021, UGC- HRDC, Bangalore University.
- 2) **Convenor:** Workshop on Differential Geometry and its applications, 28-29, July 2019, Department of Mathematics, Bangalore University.
- 3) **Course Coordinator:** Refresher course in Basic Sciences, 29.08.2018–19.09.2018, UGC- HRDC, Bangalore University.
- 4) **Convenor:** Conference on Differential Geometry, July 25, 2013.
- 5) **Co-Ordinator:** One day Workshop for CSIR-UGC NET Exams, June 17, 2013.
- 6) **Joint Convenor:** The 19th international conference of the Jangjeon mathematical society” held at Bangalore University, Bangalore, 22-24, February 2007,
- 7) **Convenor:** “Ganitha Sangama” ,Central College Campus, Bangalore University, Bangalore, 15th May, 2009.
- 8) **Convenor:** “Symposium on Mathematics”, Central College Campus, Bangalore University, Bangalore, 18th May, 2009.

## Papers Refereed

### Refereed papers for the journals:

- Afrika Matematika
- Facta Universitatis, Series: Mathematics and Informatics, Serbia
- Korean Journal of Mathematics
- Asian Bulletin of Mathematics
- CUBO, A Mathematical Journal
- Journal of Applied Mathematics and Informatics
- Journal of Calcutta Mathematical Society
- Balkan Journal of Geometry and its applications, Romania
- Journal of Differential Geometry and Dynamical Systems, Romania
- International Journal of open Problems in Computer Science and Mathematics (IJOPCM)
- Journal of Tensor Society of India, India
- Matematicki Vesnik, Serbia
- Bulletin of Mathematical Analysis and Applications
- Tamkang Journal of Mathematics
- South East Asian J. of Mathematics

### Supervision of Ph.D.

Completed -07

Ongoing-08

**Refereed Ph.D. thesis** and M.Phil thesis with topics on Finsler Geometry, Contact Manifolds ( Submitted to Banaras Hindu University, University of Allahabad, Jamia Millia Islamia, University of Calcutta, University of Kalyani, Burdwan University, Karnatak University, Kuvempu University).

### Resource Person\ Invited Talks: 32

1. “D-homothetically deformed K-contact metric as almost Ricci solitons”, National conference on Industrial Applications of mathematics and its Developments, March 13-14, 2020, Kuvempu University, Shimoga.
2. “Applications of Linear Algebra”, KLE first grade college, Bangalore, August 2019.
3. “Some Remarks on Ricci solitons”, National Conference on Recent Developments of Mathematics in Industrial Applications, Kuvempu University, Shimoga, 11-12, April 2019
4. “Matrix Decomposition-SVD: Applications” One day seminar on Recent trends and Applications in Mathematics, Government First College, Chitradurga, 26.03.2019.
5. “Applications of Linear transformations”, One day Seminar on Applications of Mathematics, Sahyadri Science College, Kuvempu University, Shimoga. 16.02.2019
6. “Curves and Surfaces”, National Level Workshop On “Differential Geometry and its applications in Engineering Fields” 21-25, January 2019, J.N.N.College of Engineering, Shimoga.

7. "Identification spaces", B G S first grade College, Chikkaballapur, January 2018.
8. "Applications of Calculus", MVJ College of Engineering, Bangalore, 11<sup>th</sup> November, 2017.
9. "Basics of Topology and applications", BMS College for Women, 8<sup>th</sup> September, 2017.
10. "Topology and its applications", Mount Carmel College, Bangalore, January 19, 2017
11. "Topology on the real line", February 2016, Sri Kongadiappa College, Doddaballapur.
12. "Surfaces", 21 October, 2015, Government Science College, Bengaluru-01
13. "Finsler metrics of constant scalar curvature", 81<sup>st</sup> Annual Conference of the Indian Mathematical Society, December 27-30, 2015 at Visvesvaraya National Institute of Technology, Nagpur.
14. "Applications of Linear Algebra", National Seminar on Applied Mathematics, Sahyadri Science College, Kuvempu University, Shimoga, September 29, 2014.
15. "Riemann extensions of Non-Riemannian spaces", National Conference on Advances in Geometry, Analysis and Fluid Mechanics, Kuvempu University, Shimoga, Karnataka, INDIA, 26-27, August, 2014.
16. "On Finsler Metrics of Scalar flag curvature", International conference on Differential Geometry and Relativity, DDU Gorakhpur University, Gorakhpur, November 9-11, 2013
17. "Linear transformations and its applications", Seminar on Applied mathematics, Linear Algebra and its Applications, Kuvempu University, Shimoga, September 14, 2013.
18. "Non-Euclidean Geometry", National Conference on Geometry, Analysis and Fluid Mechanics, Govt. First Grade College, Koppa, Karnataka, September 20-21, 2013.
19. "Manifolds and its Applications", National Conference on Mathematical Sciences and Applications, held at Govt. First Grade College, Koppa, Karnataka on 9<sup>th</sup> March 2013.
20. "Classification of Randers manifolds of constant curvature", International Conference on Differential Geometry and Relativity, held at Aligarh Muslim University, Aligarh, during November 20-22, 2012.
21. "Curvature Properties of  $(\alpha, \beta)$ - metrics", National Conference on Recent Developments in Mathematics, held at Kuvempu University, Shimoga, from 4-5, May 2012.
22. "On Eigen values, Eigen vectors and Diagonalisation", National Conference on Linear algebra and its applications, held at Milagres College, Udupi, Karnataka from 4-5, August 2011.
23. "On  $\beta$ -change of special Finsler spaces", The 3<sup>rd</sup> annual conference of the Tensor Society of India, held at Kuvempu University from 27-28, May 2011.
24. "Basics of Topology", Refresher Course in Mathematics, UGC-ASC, Bangalore University, Bangalore, April 2011.

25. On special Finsler metrics, 12<sup>th</sup> International Conference of International academy of physical sciences, University of Rajasthan, Jaipur, December 22-24, 2010.
26. "On Special Finsler Metrics", National Symposium on Recent Advances in Applied Mathematics, Gulbarga University, Gulbarga, February 8-9, 2010.
27. "On Randers Metrics", International Conference on recent Advances in Mathematics and Applications, University of Burdwan, Burdwan, January 13-15, 2010.
28. "The equations of Lagrange and Hamilton", Two day symposium on "Applied Engineering Mathematics" Sri Siddhartha Institute of Technology, Tumkur, India 19-20 May, 2006.
29. "On Geometry of Space Curves", Sahyadri College, Kuvempu University, Shimoga, India, March 2006.
30. "Curves in 3-dimensional Euclidean space", Refresher Course in Mathematics, UGC- ASC, Bangalore University, Bangalore, February 2006.
31. "Limits and Continuity", Sri Siddaganga First Grade College, Tumkur, India, March 2004.
32. "Riemannian Manifolds", Refresher Course in Mathematics, UGC-ASC, Bangalore University, Bangalore, June 2004.

**Visits Abroad:**

Visited Uludag University, Bursa, Turkey during 18-26, August 2008.

**Books\Course material: 06**

1. Geometry of Manifolds, 2015, DDE, Bangalore University
2. Discrete Mathematics and Combinatorics(Part A), 2013-14,DDE, Bangalore University
1. Real Analysis-II, Karnataka State Open University, Mysore, 2012
2. Advanced Analysis, DDE, Bangalore University.
3. Topology, DDE, Bangalore University
4. Measure Theory, DDE, Bangalore University.

**Training Courses\Faculty Development Programmes**

1. Refresher Course in Mathematics, Department of Mathematics, Bangalore University, Bangalore, March 1-25,1999
2. Orientation Course, Jawaharlal Nehru University, New Delhi, July 17 to August 11, 2000.
3. Refresher Course in Mathematics, University of Hyderabad, Hyderabad, July 12 to August 2, 2006.
4. Refresher Course in Information Technology(Mathematics), Academic Staff college, University of Mysore,Mysore, 20.02.2007 to 12.03.2007.

## **Papers Presented at International \National Conferences: 05\10**

1. "The 20th international conference of the Jangjeon Mathematical society"  
Uludag University, Bursa/Turkey, 21-23, August, 2008
2. "International conference on Advances in Mathematics: Historical developments and Engineering Applications" held at G.B.Pant university of Agriculture and Techonology, Pantnagar, India, 19-22 December, 2007.
3. "The 19th international conference of the Jangjeon mathematical society" held at Bangalore University, Bangalore, 22-24, February 2007, (Join Convenor).
4. "International symposium on Analysis, Manifolds and Mechanics", M.C.Chakicentre for Mathematics and Mathematical Sciences, Kolkota, 5-7, November 2003.
5. "International Conference on Analysis, Manifolds and Mechanics", Department of Mathematics, Kuvempu University, Shimoga, held during 15-17, January 2000.

### **(National Conferences)(10)**

1. "76<sup>th</sup> Annual Conference of The Indian Mathematical Society" held at S.V. National Institute of Technology, Surat, December 27-30, 2010.
2. "Platinum Jubilee 75<sup>th</sup> Annual Conference of The Indian Mathematical Society" held at Kalasalingam University, Kalasalingam, Tamilnadu, December 27-30, 2009.
3. National conference of the Tensor Society on Development of Differential geometry, Swargashram, Rishikesh, October 2-3,2009.
4. "72nd Annual Conference of The Indian Mathematical Society" held at RD University, Jabalpur, MadyaPradesh, 27-30, December 2006.
5. "National Seminar on Advances in Mathematics and Aplications(NSAMA-2006)", Department of Mathematics, University of Burdwan, Burdwan, West Bengal, India, 18-20,January 2006.
6. "National Semianar on Recent developments on Mathematics and its applications", Department of Mathematics, University of North Bengal, Darjeeling, 20-22, January 2005.
7. "National seminar on Geometry, Analysis, Fluid Mechanics and Computer applications", Department of Mathematics, Kuvempu University, Shimoga, 9-11, December 2004.

8. "National Seminar on Teaching and Research developments in Mathematics and Mathematical Sciences in India", Department of Mathematics, University of Kalyani, West Bengal, 13-14 February 2004.
9. "Conference on Mathematics-2003", Bharatha Ganitha Parisad, Lucknow University, Lucknow, 15-16, November 2003.
10. "National Seminar on Recent developments in Mathematics", Karnataka University, Dharwad, India held during January 1996.

**Participated at International/ National/ Conference: 11**

1. "International conference on Mathematics and its applications", Bangalore University, Bangalore, 28-29, February 2020.
2. National Conference on Geometry, Topology and their applications, 3-4, August 2016. Karnataka University Dharwad.
3. National Workshop on Partial Differential Equations and Numerical Methods in Fluid Dynamics on 4<sup>th</sup> - 5<sup>th</sup>, March-2016, Government First Grade College, KOPPA.
4. International Conference on Differential Geometry, Analysis and Fluid Mechanics, 4<sup>th</sup> - 5<sup>th</sup>, February-2016 at Kuvempu University.
5. Two days Workshop subject based conference on Mathematics sponsored by The Vision group of Science and Technology, Bangalore held at Rani Chennamma University, Belagavi from 21-22, May 2011.
6. "National Conference on Mathematics", held at Karnataka University, Dharwad, March 2011.
7. International conference on "Geometry Topology and Dynamics in Negative Curvature" An ICM Satellite Conference held at Raman Research Institute, Bangalore from 02 -07, August, 2010.
8. One day workshop on Accelerating Research Discovery and Innovation held at Bangalore University, Bangalore on 26<sup>th</sup> April 2010.
9. Workshop of subject based conference on Mathematics and Computer Science, sponsored by The Vision group of Science and Technology, Bangalore held at Kuvempu University, Shimoga from 19-20, March 2010.
10. "24<sup>th</sup> Annual Conference of the Ramanujan Mathematical Society", Indian Statistical Institute, Bangalore, May 11-13, 2009.
11. "RMS/SMF/IMSc Indo-French Conference in Mathematics 2008", IMSC, Chennai, India, 15 - 19, December 2008.

## Research Publications: 77

1. (With K Venu and D L Kirankumar) Ricci Soliton and gradient Ricci soliton in a D-homothetically deformed K-contact manifold, *Balkan Journal of Geometry and Its Applications*, 26 (2),(2021) 95-103.
2. (With Dipansha Kumari) Submanifolds of N(k)-contact metric manifold, *Palestine Journal of Mathematics*, Vol 10(2), 2021,777-783.
3. (With Dipansha Kumari and Shiva Kota Reddy) Submanifold of  $(\kappa, \mu)$ -contact metric manifold as a Ricci soliton, *Proceedings of the Jangjeon Mathematical Society* 24 (1),2021, 11-19.
4. (With Shwetha Naik) D-homothetic deformation of  $(\kappa, \mu)$  manifold, *J. Math. Comput. Sci.* 11 (2021), No. 5, 5980-5992.
5. (with Shwetha Naik) Almost Kenmotsu Manifold Admitting Semi-Symmetric Metric Connection, *Journal of International Academy of Physical Sciences*, 24(4),(2020), Pg.419-431.
6. (With Ramesh Sharma) D-homothetically deformed K-contact Ricci almost solitons, *Results in Mathematics*, Springer International Publishing, Volume75, Issue3, (2020), Pages1-8.
7. (With DipanshaKumari) Hemi-slant Submanifolds of generalized D-conformal deformed  $\beta$  – Kenmotsu manifold, *South East Asian J. of Mathematics and Mathematical Sciences*, Vol. 16, No. 2 (2020), pp. 31-40.
8. (with ShwethaNaik) Almost contact curves in  $(\kappa, \mu)$ -Manifolds, *Int. J. Open Problems Compt. Math.* Vol. 13, No. 2,(2020),87-96.
9. (With U ManjulammaandD L Kiran Kumar) Generalized complex space forms, *Jordan Journal of Mathematics and Statistics (JJMS)* 13(2), 2020, pp 199 - 215.
10. (With U Manjulamma and D L Kiran Kumar) Ricci operator in a Real hypersurface of a complex space form, *Journal of Physics: Conference Series*, Volume 1597, Issue 1, Pages 012-049
11. (with D. L. KiranKumar and Naveen Kumar S H)Some curvature properties of Kenmotsu manifolds with Schouten-Van Kampen connection, *Bulletin of the Transilvania University of Braşov, Series Iii: Mathematics, Informatics, Physics*, 12, No 2, 2019, 351-364.
12. (With D L Kiran Kumar and DipanshaKumari)Concircular curvature tensor of Kenmotsu manifolds admitting generalized Tanaka-Webster connection,*Journal of Mathematical and Computational Science* 9 (4), (2019),447-462.



13. (With Dipansha Kumari) Invariant submanifolds of  $N(\kappa)$ -contact metric manifolds, *J. Math. Comput. Sci.* 9 (5), (2019) 533-550.
14. (With D L Kiran Kumar) Kenmotsu manifolds with Schouten Van connection, *FACTA UNIVERSITATIS (NIS) Ser. Math. Inform.* Vol. 34, No 1 (2019), 23–34.
15. (With D L Kiran Kumar) Ricci Solitons in Kenmotsu manifolds under generalized D-homothetic deformation, *Lobachevski journal of Mathematics*, Springer 40( 2019), 195-200.
16. (With D L Kiran Kumar and D G Prakasha)  $D_\alpha$  –homothetic deformation and Ricci solitons in  $(\kappa, \mu)$  –contact metric manifolds, *Konuralp Journal of Mathematics*, 7 (1) (2019) 122-127.
17. (With D L Kiran Kumar) Second order parallel tensor and Ricci solitons on generalized  $(k, \mu)$ -space forms, *Mathematical Advances in Pure and Applied Sciences (MAPAS)*, (2019), Vol.2, No.1, 1-7.
18. (With D L Kiran Kumar) Ricci Solitons and Gradient Ricci Solitons In Lorentzian Trans-Sasakian Manifolds, *Bangmod Int. J. Math & Com. Sci.* 2019
19. (With D L Kiran Kumar and K Venu) D-homothetically deformed Kenmotsu metrics as a Ricci soliton, *Annales Mathematicae Silesianae*, Vol.33(2019), 143-152.
20. (With D L Kiran Kumar and U Manjulamma) Generalized  $(k, \mu)$  space forms and Ricci solitons, *Hagia Sophia Journal of Geometry*, 1 (2018), 9-16.
21. (With U Manjulamma) “Hopf real hypersurface of a complex space form”, *Malaya Journal of Matematik : Volume 6, Issue 3, 2018, Pages:610-613*
22. (With D L Kiran Kumar and V S Prasad) “Ricci solitons on Kenmotsu manifolds under D-homothetic deformation”, *Khayyam J. Math.* 4, No.1, 2018, 102-109.
23. (With Venu K) “On Ricci solitons in  $N(k)$  - quasi Einstein manifolds”, *New Trends in Mathematical Sciences*, 5 (No. 3), 2017, 46-52.
24. (With Venu K) “f - Kenmotsu Manifold as Conformal Ricci soliton”, *The journal of the Annals of the West University of Timisoara – Mathematics and Computer Science*. Vol.55, Issue 1, 2017.
25. (With K Venu),  $\eta$  – Ricci Solitons in trans-Sasakian manifolds, *Commun. Fac. Sci. Univ. Ank. Series. A1*, Vol.66(2), 2016, 218-224.
26. (With D. Harish), Some Results On Pseudo Parallell immersion, *Transylvanian Journal of Mathematics and Mechanics*, Vol.8(2), 2016, 147-149.
27. (With Venu K)  $\eta$ -Ricci solitons on a real hypersurface of a complex space form, *International Journal of Mathematics research*, Vol. 7, No. 2, pp. 151-157, 2016.

28. (With Venu K) Ricci Solitons in Kenmotsu Manifold, Journal of Informatics and Mathematical Sciences, Vol. 8, No. 1, 2016, pp. 29–36.
29. (With HARISH D) Riemann extensions of constant curvature, TWMS J. App. Eng. Math. V.6, N.1, 2016, pp. 95-101
30. (With Harish D) Dissipative Hyperbolic Geometric Flow on Modified Riemann Extensions, Communications in Mathematics and Applications 6 (2), 2015, 55-60.
31. (With Savitri Shashidhar) Real hypersurface of a complex space form, New trends in mathematical sciences, 4, No. 1, 58-64 (2016)
32. (With Savitri Shashidhar)  $\eta$ -Einstein  $(\kappa, \mu)$ -space Forms, Journal of Informatics and Mathematical Sciences 7 (2), 2015, 109-120.
33. (With Venu and Savitri Shashidhar)  $\eta$ -Ricci Soliton On A Real Hypersurface Of A Complex Space Form, International Journal of Mathematics Research, Volume 7, Number 2 (2015), pp. 151-157
34. (With Harish D) Riemann Extension of Minkowski Line Element in the Rindler Chart, Gen. Math. Notes, Vol. 30, No. 1, September 2015, pp. 21-27.
35. (With Harish D) Ricci Flow on Modified Riemann Extension, Journal of Computer and Mathematical Sciences, Vol. 6(10), 526-531, October 2015.
36. (With Harish D) Ricci flow On Modified Riemann Extensions, Journal of geometry and symmetry in physics, JGSP 39(2015) 45-53.
37. On Randers Spaces of Constant Curvature, Scientific Studies and Research Series Mathematics and Informatics, Vol. 25(2015), No. 1, 181-190
38. (C R Premalatha) "Recurrent Generalized  $(\kappa, \mu)$  Space Forms", Acta Universitatis Apulensis, No. 38/2014, 95-108.
39. (D G Prakasha and G. Somashekara) "On  $(N(k, \xi) - \text{semi-symmetric Riemannian 3-manifolds})$ ", Italian Journal of Pure And Applied Mathematics, Vol No. n. 32, 2014, 115-124.
40. (V. S. Prasad, C. R. Premalatha) " $N(k) - \text{Contact Metric Manifold Admitting Semi-Symmetric Metric Connection}$ " International Journal of Mathematics Research. Volume 6, Number 1 (2014), pp. 37-43.
41. (C.R. Premalatha) " $D_a$ -homothetic Deformation Of K-Contact Manifolds, ISRN Geometry, 2013.
42. (D G Prakasha) "On quasi conformally flat and quasi-conformally semi-symmetric generalized Sasakian space forms", CUBO A Mathematical journal, Vol. 15, No. 03, 81-92, 2013.

43. (G. Somashekhara) “Weakly Pseudo-Projective Symmetries of  $(\epsilon, \delta)$ -Trans-Sasakian Manifolds” International Journal of Pure and Applied Mathematical Sciences. Volume 6, Number 5 (2013), pp. 401-410.
44. (C.R.Premalatha) “On generalized  $(k, \mu)$  space forms”, Journal of Tensor Society, Vol.7,2013, 29-38.
45. “On Kropina metrics”, Afrika Matematika, (2014) 25 [Issue 3](#):519–527 .
46. (C.R.Premalatha) Curvature Properties and  $\eta$ -Einstein -Contact Metric Manifolds, ISRN Geometry, Volume 2012 (2012), Article ID 970682, 18 pages  
doi:10.5402/2012/970682
47. (G. Somashekhara and Savitri Shashidhar) On Generalized Sasakian-Space-Forms, ISRN Geometry, Volume 2012, Article ID 309486, 12 pages,  
doi:10.5402/2012/309486.
48. (G. Somashekhara) Special Trans-Sasakian Manifolds And Curvature Conditions, International Journal of Pure and Applied Mathematics 81 (3), 411-420, 2012.
49. (G. Somashekhara) On K-torse-forming vector field in a trans-Sasakian generalized Sasakian space-form, International Journal of Mathematical Archive-3(7), 2012, 2583-2588.
50. (G. Somashekhara) [T-curvature tensor in  \$\(k, \mu\)\$ -contact manifolds](#), Math. Aeterna, Vol.2, 2012, no. 06, 523 – 532.
51. (G. Somashekhara) “Trans-Sasakian generalized Sasakian space forms”, Acta Mathematica Academiae Paedagogicae Nyiregyháziensis, 28(2), 2012, 207-216.
52. (with C.R.Premalatha) “Ricci Solitons in Kenmotsu Manifolds”, Journal of Mathematical Analysis, Volume 3 Issue 2(2012), Pages 18-24.
53. (with C.R.Premalatha) “Ricci Solitons in f-Kenmotsu Manifolds and 3-dimensional Trans-Sasakian Manifolds”, Progress in Applied Mathematics, Vol. 3, No.2, (2012), 1-6.
54. (with Pradeep Kumar) “On Randers change of Matsumoto Metric”, Bulletin of Mathematical Analysis and Applications, Volume 4 Issue 1(2012), 148-155.
55. (with C.R.Premalatha and Somashekhara G) “On an  $(\epsilon, \delta)$ -trans-Sasakian structure”, Proceedings of Estonian academy of Sciences, 61, (2012) No. 1, 20-28.
56. “Projectively related Finsler spaces”, Journal of Contemporary Applied Mathematics, V.1, No 2, (2011), 79-87.
57. “(with Somashekhara G) On Pseudo Projective Curvature Tensor in Sasakian Manifolds” Int. J. Contemp. Math. Sciences, Vol. 6, 2011, no. 27, 1319 – 1328.

58. “On  $\phi$ -recurrent trans-Sasakian Manifolds”, *Mathematicki Vesnik*, 63(2) 2011, 79-86.
59. “Geometric properties of Randers and other changes of Rizza manifolds ”, *Tamsui Oxford Journal of Mathematics*, Volume 26 (2), 2010, 193-201.
60. “On N(k)-Mixed Quasi Einstein Manifolds”, *European Journal Of Pure And Applied Mathematics*, Vol. 3, No. 1, 2010, 16-25.
61. (With S.K.Narasimha Murthy, Pradeep Kumar, S.T.Aveesha) “On a special hypersurface of a Finsler space with  $(\alpha, \beta)$ -metric”, *Tbilisi Mathematical Journal* 2 (2009), pp. 51-60.
62. (With S.K.Narasimha Murthy, Pradeep Kumar, S.T.Aveesha) “Special Finsler Spaces Admitting Metric Like Tensor Field”, *Int. Journal of Math. Analysis*, Vol. 3, 2009, no. 1, 15 – 21,
63. (With S.K.Narasimha Murthy, Pradeep Kumar, S.T.Aveesha) “A Special form of Rund’s h-curvature tensor using R3-like Finsler space”, *Journal of Generalized Lie Theory and Applications*, Vol. 3 (2009), No. 3, 1–6,  
[http://www.jglta.astralgo.eu/articles/v3\\_n3\\_2.pdf](http://www.jglta.astralgo.eu/articles/v3_n3_2.pdf)
64. (With S.K.Narasimha Murthy, Pradeep Kumar, S.T.Aveesha) “On special hypersurface Of a Finsler Space with the metric  $\alpha + \frac{\beta^{n+1}}{\alpha^n}$ ”, *Acta Universitatis Apulensis*, No 17/2009, 129-139.  
<http://www.emis.de/journals/AUA/acta17/paper%2014-17-2009.pdf>
65. “Randers Space With Special Nonlinear Connection”, *Lobachevskii Journal of Mathematics*, Vol. 28, 2008, pp. 32–36.  
<http://www.springerlink.com/content/e013142238x066v5/>
66. “On Cartan spaces with  $(\alpha, \beta)$  metric” , *Turkish journal of Mathematics*, *Turk J Math*, 31, 2007, 363-369.  
<http://journals.tubitak.gov.tr/math/issues/mat-07-31-4/mat-31-4-3-0605-11.pdf>
67. (With C.S.Bagewadi and S.K.Narasimha Murthy) “Special Finsler spaces admitting a C-Conformal change”, *AMSE (France), Advances in Modelling*, Sereis A, Vol. 42, no 3. 2005, pp.1-12.
68. “On Projective Changes of Finsler spaces”, *Tensor*, N.S. Vol. 65, No.2, 2004, pp. 109-113.
69. “Conformal Change of Finslerian hypersurfaces” , *Proceedings of National*

- seminar on Geometry, Analysis, Fluid Mechanics and Computer applications”, Department of Mathematics, Kuvempu University, Shimoga, India, 9-11, December 2004, pp. 35-41.
70. “Applications of C-Conformal motions of Finsler metric”, Proceedings of “National Seminar on Teaching and Research developments in Mathematics and Mathematical Sciences in India”, Department of Mathematics, University of Kalyani, West Bengal, India, 13-14 February 2004, pp.56-63.
  71. (With C.S.Bagewadi) “Finsler spaces admitting semi-symmetric Finsler Connections”, *AMSE (France)*, Vol.40, No.4, 2003, pp. 57-68.
  72. (With C.S.Bagewadi and S.K.Narasimha Murthy) “Infinitesimal c-conformal motions of Special Finsler spaces”, *Tensor*, N.S., Vol. 64, 2003, pp.241-247.
  73. “Projective Change of Finsler spaces with Berwald h-recurrent Finsler connection”, Proceedings of “International symposium on Analysis, Manifolds and Mechanics-2003”, M.C.Chakicentre for Mathematics and Mathematical Sciences, Kolkota, India, 5-7, November 2003, pp.63-69.
  74. “1-form Finsler spaces with h-recurrent Finsler connections”, Proceedings of International Conference on Analysis, Manifolds and Mechanics”, Department of Mathematics, Kuvempu University, Shimoga, India held during 15-17, January 2000, pp.167-176.
  75. (With C.S.Bagewadi ) “Some special Finsler spaces with V-recurrent Finsler connection”, Proceedings of National Seminar on Recent developments in Mathematics organized by Department of Mathematics ,Karnataka University, Dharwad, India held during January 1996, pp. 158-162.
  76. (With C.S.Bagewadi and H. Izumi). “On infinitesimal h-conformal motions of Finsler metric”, *Proc. Indian Acad. Sci(Math. Sci.)*, Vol.105, No. 1, February 1995, pp. 33-40.
  77. (With C.S.Bagewadi ) “Hypersurfaces of h-conformally flat recurrent Finsler spaces”, *J.Ramanujan Math. Soc.* Vol. 10., No.1, 1995, pp. 93-102.