

RESUME

DR. MANISH KUMAR GUPTA

D.Phil., M.Sc. (Gold Medalist), JRF (NET)

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ACADEMICS:

EXAM	INSTITUTE	BOARD/UNIV.	YEAR OF PASSING	PERCENTAGE
D.Phil.	University of Allahabad, Allahabad	University of Allahabad, Allahabad	2009	-----
M.Sc.	University of Allahabad, Allahabad	University of Allahabad, Allahabad	2003	85.5%
B.Sc.	University of Allahabad, Allahabad	University of Allahabad, Allahabad	2001	72%
XII	G.I.C. Hamirpur	U.P. Board	1998	65.4%
X	S.R. Inter College, Hamirpur	U.P. Board	1996	78.8%

AREA OF SPECIALIZATION: DIFFERENTIAL GEOMETRY

TECHNICAL SKILL: Certificate in Computer Application, University of Allahabad

TEACHING EXPERIENCE: (8 YEARS AFTER DOCTORAL DEGREE)

U.G. Level	Abstract Algebra, Linear Algebra, Differential Equations, Engg. Mathematics, Geometry
P.G. Level	Discrete Mathematical Structures, Graph Theory

RESEARCH GUIDANCE: 02 Ph.D. students are working

ADMINISTRATIVE EXPERIANCE:

Post	From	To
◆ Officer In Charge (Confidential Section)	April 2017	Cont...
◆ Member of Proctorial Board	August 2016	Cont...
◆ Member of Anti-Ragging Committee	August 2016	Cont...
◆ Assistant Dean, Student Welfare	October 2012	Sept 2013

MEMBERSHIP OF THE PROFESSIONAL BODIES:

- Life Member of Indian Science Congress Association.
- Life Member of Indian Mathematical Society.
- Life Member of International Academy of Physical Sciences.
- Life Member of Ramanujan Mathematical Society.
- Life Member of Calcutta Mathematical Society.

AWARD / RECOGNITIONS:

- Gold Medal for standing *FIRST* in M.Sc. at University of Allahabad in 2003.
- Queen Victoria Silver Medal for standing *FIRST* in M.Sc. at University of Allahabad in 2003.
- NET (JRF)-2003.

RESEARCH PUBLICATION:

1. Jacobi Stability Analysis of Rössler System, *Int. J. Bifurct Chaos*, **27-4** (2017) 1750056.
2. Jacobi stability analysis of Modified Chua Circuit system, *Int. J. Geo. Methods Mod. Phys.*, **14-6** (2017) 1750089.
3. Hypersurface of a Finsler space subjected to an h -exponential change of metric, *Int. J. Geo. Methods Mod. Phys.*, **13-10** (2016) 1650129.
4. Jacobi stability analysis of Rikitake system, *Int. J. Geo. Methods mod. Phys.*, **13(7)** (2016) 1650098.
5. h -Exponential change of Finsler metric, *Facta Universitatis (NIS)*, **31-5** (2016) 1029-1039.
6. On a Finsler space with a special metrical connection, *Acta Math. Acad. Paed. Nyir.*, **32** (2016) 135-139.
7. Finsler space subjected to a Kropina change with an h -vector, *Facta Universitatis (NIS)*, **30-4** (2015) 513-525.
8. Four-dimensional Finsler space with T -tensor of some special forms, *J. Inter. Acad. Phys. Sci.*, **18-3** (2014) 219-229.
9. On a Hypersurface of a Finsler space with Randers change of Matsumoto metric, *Geometry* (2013) Article ID 842573, 1-6.
10. On hypersurface of a Finsler space with an exponential (α, β) -metric, *Jour. Pure Math.*, **29-30** (2013) 33-46.
11. On an S-3 like four-dimensional Finsler space, *Acta Math. Acad. Paed. Nyir.*, **26** (2010) 305-312.
12. On C-conformal change in a Finsler space, *J. Inter. Acad. Phys. Sci.*, **14-4** (2010) 385-398.
13. Hypersurfaces of conformally and h -conformally related Finsler spaces, *Acta Math. Hungar.*, **123-3** (2009) 257-264.

14. On subspace of a Finsler space with Randers conformal metric, *J. Inter. Acad. Phys. Sci.* **13-4** (2009) 351-357.
15. On hypersurface of a Finsler space with a special metric, *Acta Math. Hungar.* **120** (2008) 165-177.
16. Relation between the main scalars of a four-dimensional Finsler space and its hypersurface, *Differential Geometry-Dynamical Systems* **10** (2008) 132-138.
17. On hypersurface of a Finsler space with Randers conformal metric, *Tensor N.S.*, **70-3** (2008) 229-240.
18. On a four-dimensional Finsler space of scalar curvature, *Bull. Cal. Math. Soc.* **100-3** (2008) 327-336.
19. On subspace of a Finsler space with a special metric, *Bull. Alld. Math. Soc.* **23-2** (2008) 263-272.
20. On a four-dimensional Berwald space with vanishing h -connection vector k_i , *Tamkang J. Math.* **39-2** (2008) 121-130.
21. On a projective mapping and Berwald h -recurrent connection, *Tensor N.S.*, **70-1** (2008) 63-69.
22. Recurrent and torse-forming projective motions in a Finsler space, *Proc. Nat. Acad. Sci. India* **77A III** (2007) 247-254.
23. On a four-dimensional Finsler space with vanishing ν -connection vectors, *J. Inter. Acad. Phys. Sci.* **10** (2006) 1-7.
24. Certain types of Finsler spaces of dimension four, *J. Inter. Acad. Phys. Sci.* **8** (2004) 17-23.

CITATIONS:

1. **B. Danila, T. Harko, M. K. Mak, P. Pantaragphong and S.V. Sabau**, Jacobi stability analysis of scalar field models with minimal coupling to gravity in a cosmological background, *Adv. High Energy Phys.*, 2016 Article ID 7521464, 1-26.
2. **Y.K. Mallikarjun , S.K. Narasimhamurthy, K.R. Thippeswamy and A.R. Kavyashree**, Killing Vector Fields in Generalized Conformal β -Change of Finsler Spaces, *J.Math.*, 2015 Article ID 456291, 1-5.
3. **H.S. Shukla, Manmohan Pandey and B.N. Prasad**, Hyersurface of a special Finsler space with metric $\sum_{r=0}^m \frac{\beta^r}{\alpha^{r-1}}$, *J. Internat. Acad.Phys. Sci.*, **20-1** (2016) 57-71.
4. **H.S. Shukla, V.K. Chaubey, A. Mishra**, Some intrinsic properties of h -Randers conformal change, *arXiv preprint arXiv:1506.05102*, 2015.
5. **Kumar Vineet T. N. Pandey**, On Finsler spaces with Matsumoto metric and special forms of important tensors, *Global J. Multidisc. Stud.*, **5-8** (2016).
6. **Pooja S. Saxena**, The generalizes Randers change with m th root metrics of a Finsler space including some of its intrinsic properties, *Inter Edu. Sci. Research Jour.*, **2-6** (2016) 81-85.
7. **S.K. Narasimhamurthy, G.N. Latha Kumari and C.S. Bagewadi**, Geometric properties of Finsler hypersurface given by conformal β -change, **XLIX-2** (2011) 77-87.

8. **Nany Lee**, On the generalized Randers change of Berwald metrics, *Korean J. Math.* **18-4** (2010) 387–394.
9. **Svetislav M. Mincic and Milan Lj. Zlatanovic**, Derived curvature tensors in generalized Finsler space, *Differential Geometry-Dynamical Systems*, **13** (2011) 179-190.
10. **Vladimir Balan and Ariana Pitea**, Symbolic software for Y-energy external Finsler submanifolds, *Differential Geometry-Dynamical Systems*, **11** (2009) 41-53.
11. **Svetislav M. Mincic and Milan Lj. Zlatanovic**, New commutation formulas for δ -differentiation in a generalized Finsler space, *Differential Geometry-Dynamical Systems*, **12** (2010) 145-157.
12. **S. K. Narasimhamurthy, Aji th and C. S. Bagewadi**, Finsler Hypersurface given by Generalized β -Conformal Change, *J. Internat Acad Phy Sci.*, **14** (2010) 273-282.
13. **A. Taleshian, D. M. Saghali**, On generalized Randers change of the more generalized m-th root metrics, *Journal of Nonlinear Analysis and Application* (**2013**), Article ID jnaa-00218, 6 Pages.
14. **A. Taleshian, D. M. Saghali and S.A. Arabi**, Conformal h -Vector-Change in Finsler Spaces, *Journal of mathematics and computer Science*, **7** (2013) 249-257.
15. **Abolfazl Taleshian and Dordi Mohamad Saghali**, The Generalized Randers Change of the More Generalized m-th Root Metrics, *International Journal of Mechatronics, Electrical and Computer Technology*, **3(9)** (2013) 362-374.