

Bio-Data

PERSONEL INFORMATION:

Dr. Ved Mani

Assistant Professor, Mathematics

K S Saket PG College, Ayodhya, UP, India

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Date of Birth: 27 May 1986

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RESEARCH INTERESTS:

1. Finsler Geometry
2. Differential Geometry
3. Mathematical Modelling.
4. Bio-Mathematics.
5. Operation Research.

EDUCATIONAL QUALIFICATIONS:

1. Ph.D. from the Dept. of Mathematics, K. S. Saket P. G. Ayodhya, affiliated to Dr. Ram Manohar Lohiya Avadh University, Ayodhya in 2024.
2. Master of Science (M.Sc.), Mathematics, from Dr. Ram Manohar Lohiya Avadh University, Ayodhya (U. P.), India, in 2009
3. Bachelor of Science (B.Sc.) from
Dr. Ram Manohar Lohiya Avadh University, Ayodhya
(U. P.), India, in 2007
4. Intermediate from U. P. Board Allahabad in 2004
5. High school from U. P. Board Allahabad in 2001
6. CSIR NET in 2019

TECHNICAL KNOWLEDGE:

1. Matlab

2.Mathematica

3.Python

4.C &C++

5.Latex, MS Word, MS Excel TEACHING EXPERIENCE:

1.Graduate Course, Dept. of Mathematics, K S Saket PG College, Ayodhya, India, since 2022-23

Courses: Algebra and Trigonometry, Abstract Algebra, Differential Equations, Vector calculus, Real Analysis, Calculus, Geometry, Complex Analysis, Tensor and Differential Geometry.

2.Post-Graduate Course, Dept. of Mathematics, K S Saket PG College, Ayodhya, India, since 2022-23

Courses: Advanced Abstract Algebra, Advanced Riemannian Geometry, Finsler Geometry, Differential Geometry of Manifolds. Analytical Dynamics. Functional Analysis.

3.One year four months teaching experience at U. G. Level in Siddhi Vinayak P. G. College, Pipra Bazar Gonda (U. P.) As Approved teacher under self finance scheme.

4.Ten years teaching experience at U. G. And P. G. Level in the department of Mathematics M. L. K. P. G. College, Balrampur (U. P.) as Guest Lecturer.

ORGANIZED WORKSHOP/CONFERENCE/INTERNSHIP:

1.Organized an “Awareness program and quiz competition on contributions of Indian mathematicians” on National Mathematics Day 2022, as Convener, in K S Saket P G College, Ayodhya, Dec 2022.

PRESENTED/ATTENDED CONFERENCE AND SEMINOR

1.International Conference on “Recent Advances in Mathematical and Physical Sciences-2022 (RAMPS-2022)” organized by Department of Mathematics and Statistics (Centre of excellence), Dr. Ram Manohar Lohiya Avadh University, Ayodhya, UP (INDIA) In Association with International Academy of Physical Sciences, Prayagraj, UP (INDIA), December 17-18, 2022.

2.National Conference on “ MATHEMATICAL AND COMPUTATIONAL ANALYSIS “ organized by Department of Mathematics, T. D. P. G.College, Jaunpur (U. P.), India & Ramanujan Society of Mathematics and Mathematical Sciences, January 28 – 30, 2023.

3. National Seminar on “ NAAC Evaluation Process and Its Significance “ organised by IQAC, M. L. K. P. G. College, Balrampur (U. P.), India, October 5, 2019.

PUBLICATIONS

1. “The β -conformal change by Finsler metric of C- reducible Finsler spaces.” In Journal of Dalian University of Technology | ISSN: 1000-8608, Volume 32, Issue 8, 2025.

<https://jdut.net/volume-32-issue-8/>

2. “Second Approximate Exponential Change of Finsler Metric” in International Journal of Scientific Research in Science and technology. Print ISSN: 2395-6011 | Online ISSN: 2395-602x, in 2025

<https://doi.org/10.32628/IJSRST25138>

3. “On a Curvature Inheritance in a Recurrent Finsler Space” in International Journal of Scientific Engineering and Applied Science (IJSEAS) – Volume-9, Issue-1, January 2023, ISSN: 2395-3470

www.ijseas.com

4. “Hypersurface of a Second Approximate Exponential Change of Finsler Metric” in Applied Mathematical Sciences, Vol. 19, 2025, no. 2, 83 – 91

HIKARI Ltd, www.m-hikari.com

<https://doi.org/10.12988/ams.2025.919218>

5. “Special Conircular Lie-Recurrence in a Finsler space equipped with non-symmetric connection” in International Journal of Engineering Science Invention (IJESI), ISSN (Online): 2319-6734, ISSN (Print): 2319-6726

www.ijesi.org || Volume 12 Issue 3 March 2023 ||

DOI:10.35629/6734-12034552, www.ijesi.org

6. “Projective Motion, Projective Curvature Collineation and Infinitesimal Projective Transformation in a Finsler Space Equipped with Semi-Symmetric Connection” in International Journal of Scientific Research in Science and Technology in october 2020

Print ISSN: 2395-6011 | Online ISSN: 2395-602X (www.ijrst.com)

<https://doi.org/10.32628/IJSRST207568>.

DECLARATION: I hereby certify that all the information provided here is correct to the best of my knowledge.

Place: Ayodhya (India)

Date: 01/09/2025

Dr. Ved Mani