Faculty Profile

Name: **Dr. Sandeep Sharma**

Designation: **Assistant Professor**

Institution: **Shri Mata Vaishno Devi University,**

Katra, J&K,

Email ID : **sandeep.1980@smvdu.ac.in**

sandeep8022@yahoo.com

Qualification: **Ph.D., M.Sc., B.Sc. Mathematics**

Area of Specialization: **Differential Geometry, Surface theory**

Experience: **Teaching: 12 years,**

Research: 15 years

Contact No. **9419116760**

Brief Bio Data

Dr Sandeep Sharma obtained his Ph.D., M.Sc., and B.Sc. Degree from Jammu University, J&K. He was awarded his Ph.D. Degree from Jammu University in the year 2009. He was appointed as Assistant Professor in School of Mathematics at Shri Mata Vaishno Devi University on 29th Nov., 2011, and confirmed against the substantive post on 29th Nov., 2012. He has taught various UG/PG/pre-PhD course. He has also published various papers in journal of national and international repute. He has also attended / presented papers in national and international conferences. Besides teaching, research, he has also involved in various activities like administration, extra curriculum etc.

1. **Publications**

a. **Sandeep Sharma**, Kuljeet Singh, Some aspects of rectifying curves on regular surfaces under different transformations, Int. J. Anal. Appl. (2023), 21-78 Published (Indexed in Scopus)

b. Sandeep Sharma, Kuljeet Singh, Mohmmad Saleem Lone, GEOMETRIC INVARIANTS PROPERTIES OF OSCULATING CURVES UNDER CONFORMAL TRANSFORMATION IN EUCLIDEAN SPACE R 3, **Demonstratio Mathematica, (under review) (Indexed in SCI, Scopus)**

c. Xiamong Fan, Yanlin Li, Prince Majeed, Mehraj Ahmad Lone, **Sandeep Sharma**, Geometric Classification of Warped products Isometrically Immersed into Conformal Sasakian Space Forms, **Published** in Symmetry 2022, 14,608, https://doi.org/10.3390/sym14030608. **(Indexed in SCI, Scopus)**

d. Mehraj Lone, zamrooda jabeen, **sandeep Sharma,** Optimal inequalities for submanifolds of Riemannian manifolds of nearly quasi-constant curvature with quarter-symmetric connection, Bulletin of the Transilvania University of Brasov. Series III: Mathematics and Computer Science**,(Published) Indexed in Scopus**

e. Kuldip Raj, **Sandeep Sharma**, Anu Choudhary, Orlicz difference triple lacunary ideal sequence spaces over n- normed spaces, Ann. Acad. Rom. Sci. Ser. Math. Appl., vol. 14, No. 1-2/2022 (**Published) (Indexed in scopus).**

f. **Sandeep Sharma** and Tehseen Abas, On LP- Sasakian Manifolds satisfying certain conditions on the projective curvature tensor, American Journal of Mathematics and Mathematical Sciences, Volume 1, No. 1, July-dec 2012, pg 69-73**.(Published)**

g. J.P. Srivastava, **Sandeep Sharma** and B. Prasad, A semi- symmetric non metric connection in an SP- Sasakian Manifold, Varahmihir Journal of Mathematical Sciences,Volume 8, No 1, 2008, 27-35, ISSN: 0972-7329, Sandipany Academy, Ujjain(**Published, indexed in mathscience net)**

h. J.P. Srivastava, **Sandeep Sharma** and B. Prasad, A semi- symmetric non metric sp-connection in an SP- Sasakian Manifold, Varahmihir Journal of Mathematical Sciences,Volume 8, No 1, 2008, 111-118, ISSN: 0972-7329, Sandipany Academy, Ujjain**(Published, indexed in mathscience net)**

2. Paper presented/attented/talk delievered/chaired session in international/National Conferences (Last three years)

a. Presented paper having title Geometric invariant properties of rectifying curve under conformal transformation in the 2nd National Conferences on computational and Characterization Techniques in ENGINEERING and Sciences organized by Deptt. Of Applied Sciences and Humanities, REC, PUP,INDIA, 27-28, Feb,2023.
b. Invited talk having title Some aspects of rectifying curve in spaces in NCRAM-22, Department of Mathematics, Central University of Jammu, India, 20-21, Oct., 2022
c. Presented paper having title 'Geometric Invariance of rectify curves under conformal transformation in R^3 in International Virtual Conference on Recent Trends in Applied Mathematics (ICRTAM-2022) Organized by Department of Science and Humanities (Mathematics), Sri Ramakrishna Institute of Technology, Pachapalyam, Coimbatore held on 7th October,2022.
d. Presented paper having title, 'Geometry of various surfaces in spaces in International Conference on Mathematical Analysis and Applications organized by

Departmental of Mathematical Sciences, BGSB University, Rajouri,J&K, w.e.f. 30-31 march,2022.

e. Chaired session in the International conference on Mathematical Sciences and Computational Intelligence held on 21-22, Dec,2020 at SMVD University, Katra,J&K, India in collaboration with the Advance Research Educational Society.

f. Invited talk on the topic,' Some aspects of rectifying curve in spaces in NCRAM-22, organized by Deptt. Of Mathematics, Central University of Jammu, Samba,J&k,India w.e.f. 20-21oct.,2022.

g. Attended 84th Annual conference of Indian Mathematical Society, An International Meet (27-30 nov,2018) organized by School of Mathematics, Shri Mata Vaishno Devi University,Katra, J&k, India**.**

3. Work shop/Course /mooc course attended (last three years)

a. Successfully completed the four week NPTEL online Course Laplace transformation (July-Aug, 2022).

b. Sucessfuly completed the Orientation programme organized by Teaching learning centre, Ramanujan college (Accredited Grade A^{++} by NAAC) , University of Delhi, under the ages of the Pandit Mohan Malaviya National Mission and Teaching , Minister of Education w.e.f. 20june,2022 -19july,2022.(Online mode)

c. Successfully completed the Refresher Course in Applicable Mathematics organized by Teaching learning centre, Ramanujan college (Accredited Grade A^{++} by NAAC), University of Delhi, under the ages of the Pandit Mohan Malaviya National Mission and Teaching , Minister of Education in collaboration with Department of Mathematics, Sri Jayachamarajendra College of Enginering, JSS Science and Technology University, Mysuru w.e.f. 26 july,2022 – 08 august,2022.

d. Successfully completed the mooc course title : Engineering Calculus and Differential Equations offered by University of Hongkong through edX Mode. (June 19, 2022).

e. Attended International workshop on Geometry of continued fractions: Ramanujan and his successors, Sept. 14-15, 2020, organized by Deptt. Of Mathematics, Central University of Himachal Pradesh.