Dr. Sachin Kumar

Assistant Professor
Department of Mathematics
Government Post Graduate College
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Personal Information

Sex: Male
Nationality: Indian
Date of Birth: 01/07/1994
Marital Status: Unmarried
Language Known: English, Hindi

Educational Qualifications

	Degree/ Examination	Years	Subjects	University/ Institute	% of marks
1.	Ph. D. (Mathematics)	2022	Mathematics	Banaras Hindu University, Varanasi	74.80%
2.	M. Sc. (Mathematics)	2015	Mathematics	D.N. College, Meerut, CCSU	84.90%
3.	B. Sc. (Mathematics)	2013	Maths, Phys, Chem	D.N. College, Meerut, CCSU	70.77%
4.	Higher Secondary (XII)	2010	Maths, Phys, Chem, Hindi, Eng	U.P. Board	81.20%
5.	Secondary (X)	2008	Maths, Hindi, Eng, Science, Soc. Sci, Drawing	U.P. Board	78.33%

Ph. D. Detailed

- Department of Mathematics, Institute of Science, Banaras Hindu University, Varanasi
  Ph.D. Mathematics,

  Date of submission of Ph.D. thesis : 6th **December, 2022**

  Date of Ph.D. Viva-Voce : 20th **April, 2023**

  Thesis Title: "Submanifolds of Semi-Riemannian Manifolds"

  Supervisor: Dr. Akhilesh Yadav

Awards

Qualified CSIR(Council of Scientific and Industrial Research) NET (National Eligibility Test) (JRF) exam for Ph.d. Scholarship (June, 2017) and Qualified CSIR-UGC NET (JRF) in December-2017 conducted by CSIR.

Teaching Experience

- Working as an assistant professor at Government Post Graduate College
  Obra, Sonbhadra (U.P.)-231219, India, (26 May, 2023 to till date).

Publications

1. Akhilesh Yadav and Sachin Kumar, **Screen semi slant lightlike submanifolds of golden semi-Riemannian manifolds**, Jordan Journal of Mathematics and Statistics, 15 (4A) (2022), 823 - 841.

2. Akhilesh Yadav and Sachin Kumar, **Screen generic lightlike submanifolds of golden semi-Riemannian manifolds**, Mediterranean Journal of Mathematics, (2022), 19:248.

3. Akhilesh Yadav and Sachin Kumar, **Slant lightlike submanifolds of golden semi-Riemannian manifolds**, Matematicki Vesnik, 75(3) (2023), 175-188.

4. Sachin Kumar and Akhilesh Yadav, **Screen slant lightlike submanifolds of golden semi-Riemannian manifolds**, Novi Sad Journal of Mathematics, DOI: 10.30755/NSJOM.12656 (Accepted)

5. Sachin Kumar and Akhilesh Yadav, **Semi slant lightlike submanifolds of golden semi-Riemannian manifolds**, Kragujevac Journal of Mathematics, 49(1) (2025), 141-158.(Accepted)

Papers Presented in Conferences

1. Presented a paper entitled **Screen slant lightlike submanifolds of golden semi-Riemannian manifolds**, in the 27th International Conference of International Academy of Physical Sciences organized by Department of Mathematics and Statistics Central University of Punjab, Bathinda - India during October 26 -28, 2021.

2. Presented a paper entitled **Screen semi slant lightlike submanifolds of golden semi-Riemannian manifolds**, in the 36th Annual National Conference of the Mathematical Society - Banaras Hindu University organized by Department of Mathematics, Institute of Science, Banaras Hindu University, Varanasi during January 29-30, 2022.

3. Presented a paper entitled **Slant lightlike submanifolds of golden semi-Riemannian manifolds**, in the National Conference on Recent Advances in Mathematical Analysis and Applications organized by DST-Centre for Interdisciplinary Mathematical Sciences, Institute of Science, Banaras Hindu University, Varanasi during May 07 -08, 2022.

Workshop Attended

1. CIMPA School on Finsler Geometry and Applications, organized by DCT - CIMS, Institute of Science, Banaras Hindu University, Varanasi during December 05 -15, 2019.

2. NACI - TMC Summer School on Differential Geometry, organized by Central University of Punjab, Bathinda during July 05 -24, 2021.

Courses Attended

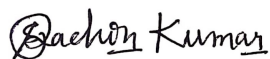|		
Topology	Metric Space	Differential Geometry
Functional Analysis	Real Analysis	Linear Algebra
Complex Analysis	Integral Equations	Riemannian Geometry

Operating Systems and Tools

Latex, Microsoft Windows

Permanent Address

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Uttar Pradesh - 250615, India, Contact No : 9412685648.

Declaration: I hereby declare that the information given above is true to the best of my knowledge.

Sachin Kumar

(SACHIN KUMAR)

Dated: 10-02-2024