


BIO-DATA

1.	Name :	Dr. Rashmi	
2.	Designation:	Assistant Professor (Mathematics)	
3.	Department:	Basic and Applied Sciences, Punjabi University, Patiala.	
4.	Date of Birth:	Jan 31,1986	
5.	Address for Correspondence:	Rashmi D/o. Sh Om Parkash Sachdeva House no. 789, Street no. 7. Tripuri Town, Patiala (Punjab) Pin Code:147001	
	Phones:	0175-5011789	
	Mobile:	9914102305	
	Fax:		
	E-mail :	rashmi.sachdeva86@gmail.com	
6	Areas of Specialisation:	Major : Differential Geometry Minor: The Geometry of Slant Lightlike Submanifolds	

7. Academic Qualifications:

Sr. no.	Degree Held	Year	Board/Univ./ Inst.	% of marks	Div./ Rank	Subjects Taken
1	10th	2001	P.S.E.B.	76%	I	Maths, Phy, Chem., Pbi., Eng., Hindi
2	10+2	2003	P.S.E.B.	61%	I	Maths, Phy, Chem., Pbi., Eng.
3	B.Sc. (N.M.)	2006	Pbi. Univ.	51%	II	Maths, Phy, Chem., Pbi., Eng.
4	B.Ed.	2007	Pbi. Univ.	74%	I	Mathematics, Science
5	M.Sc.(Maths)	2009	G.N. D. U.	62%	I	Mathematics
6	UGC-NET	June 2012	CSIR		All India Rank-67	Mathematical Sciences
7	Ph.D.	2016	Thapar Univ.		Degree Awarded	Differential Geometry

8. Details of Experience:

S. No.	Name of the Inst./Employer	Position Held	Duration	Major Job Responsibilities and Nature of Experience
1	Basic and Applied Sciences, Punjabi University, Patiala	Assistant Professor	Mar 2014 to till date	Teaching and Research
2	Department of Statistics, Punjabi University, Patiala	Guest faculty	July 2013- June 2014 (1 year)	Teaching and Research
3	Department of Chemistry, Punjabi University, Patiala.	Guest faculty	July 2013- Dec 2014 (6 months)	Teaching and Research
4	Department of Mathematics, Punjabi University, Patiala	Guest faculty	Jan 2013- June 2013 (6 months)	Teaching and Research

9. Membership of Professional Bodies/Organisations:

Indian Society of Industrial and Applied Mathematics
International Association of Engineers

10. Reviewed Papers for the Journals

(i) Turkish journal of Mathematics

11. Published Work (Please specify numbers only):

- a. Research Papers i) National 01
ii) International 08
- b. Conference/Seminar Presentation: 15
- c. Books: chapter published in book: 01

12. List of Papers/Courses taught at P.G. and U.G. Level

s

S. No.	Paper	Class
1	Applied Mathematics I, II	B. Tech
2	Numerical Methods	B. Tech
3	Trigonometry and Differential Calculas	B.Sc.
4.	Geometry	B.Sc.
5.	Mechanics	B.Sc.
6.	Linear Programming	B.Sc.
7.	Abstract Algebra	B.Sc.
8.	Analysis	B.Sc.
9.	Basic Mathematics for Chemists	M.Sc. (Chemistry)

Technical Proficiency

C-Language, Latex

13. List of Papers Published

PAPER PUBLISHED IN JOURNALS

1. Garima Gupta, Rashmi Sachdeva, Rakesh Kumar and R. K. Nagaich, Pointwise slant lightlike submanifolds of the indefinite Kaehler manifolds, Mediterr. J. Math., 15:105 (2018), 1-17 (**SCI & SCOPUS Indexed**)
2. Rashmi Sachdeva, Rachna Rani, Rakesh Kumar and S. S. Bhatia, Study of totally contact umbilical hemi-slant lightlike submanifolds of indefinite Sasakian manifolds, Balkan J. Geom. Appl., 22 (1) (2017), 70–80. (**SCI & SCOPUS Indexed**) (MR3678011)
3. Rashmi Sachdeva, Rakesh Kumar and S. S. Bhatia, Totally umbilical slant lightlike submanifolds of indefinite Kaehler manifolds, Kyungpook Math. J., 57 (2017), 503–516. (SCOPUS Indexed)
4. Rashmi Sachdeva, Rakesh Kumar and S. S. Bhatia, The axioms of indefinite hemi-slant planes and spheres, Lobachevskii J. Math., 38 (1) (2017), 125-130. (SCOPUS Indexed) (MR3615333)
5. Rashmi Sachdeva, Rakesh Kumar and S. S. Bhatia, Slant lightlike submersions from indefinite almost Hermitian manifold onto a lightlike manifold, Ukrainian Math. J., 68 (7) (2016), 1097–1107. (**SCI & SCOPUS Indexed**) (MR3552040)

6. Rashmi Sachdeva, Rakesh Kumar and S. S. Bhatia, Warped product slant lightlike submanifolds of indefinite Sasakian manifolds, *Balkan J. Geom. Appl.*, 20 (1) (2015), 98–108. **(SCI & SCOPUS Indexed)** (MR3367070)
7. Rashmi Sachdeva, Rakesh Kumar and S. S. Bhatia, Totally contact umbilical slant lightlike submanifolds of indefinite Kenmotsu manifolds, *Tamkang J. Maths.*, 46 (2015), 179–191. (SCOPUS Indexed) (MR3352356)
8. Rashmi Sachdeva, Rakesh Kumar and S. S. Bhatia, Totally umbilical hemi-slant lightlike submanifolds, *New York J. Math.*, 21 (2015), 191–203. **(SCI & SCOPUS Indexed)** (MR3336552)
9. Rashmi Sachdeva, Rakesh Kumar and S. S. Bhatia, Non-existence of totally umbilical proper slant lightlike submanifold of indefinite Sasakian manifolds, *Bull. Iranian Math. Soc.*, 40 (5) (2014), 1135–1151. **(SCI & SCOPUS Indexed)** (MR3273829)
10. Rashmi Sachdeva, Rakesh Kumar and S. S. Bhatia, Non-existence of totally contact umbilical slant lightlike submanifolds of indefinite Cosymplectic manifolds, *ISRN Geometry*, Volume 2013, Article ID 231869, 1–8. (MR3095653)
11. Meraj Ali Khan, Siraj Uddin and Rashmi Sachdeva, Semi-invariant warped product submanifolds of Cosymplectic manifolds, *J. Inequal. Appl.*, 19 (2012), 1-12. **(SCI Indexed)**

Paper Published in Conference

1. Rashmi Sachdeva, Rakesh Kumar and S. S. Bhatia, Totally contact umbilical hemi-slant lightlike submanifold of an indefinite Cosymplectic manifold, *Proceedings of International Conference on Information and Mathematical Sciences*, Baba Farid College of Engineering and Technology, Bathinda, Punjab, during 24-26 October, 2013, 146–149.

Book/Chapter Publications

1. A book entitled *The Geometry of Slant Lightlike Submanifolds* jointly written with Dr. Rakesh Kumar and Dr. S. S. Bhatia has been published by Scholar's Press, International Book Market Service Limited, Mauritius on February, 2018 with ISBN 978-620-2-30702-4.
2. Published a chapter *Slant Lightlike Submanifolds of Indefinite almost Contact Manifolds*, with page no. 46-56 in a book entitled *Differential Geometry, Functional Analysis and Applications*, published by the Narosa Publishing House Pvt. Ltd. ISBN 978-81-8487-421-1.

14. WORKSHOPS / CONFERENCES ATTENDED

1. Presented Paper in *Recent Developments in Mathematical Modelling and Fuzziology* at Chandigarh University on March 27-28, 2018.
2. Attended one day seminar on Fullbright-Nehru fellowship Opportunities for Research and Professional Development in USA on 5th April, 2016 by Research and Skill Development Centre, Punjabi University, Patiala.
3. Presented Paper in *International Conference on Emerging Areas of Mathematics for Science and Technology* held at Punjabi University, Patiala on 30 Jan to 1 Feb, 2015.
4. Attended ATM School on *Geometry and Dynamics*, IISER Mohali, 17-22 December, 2014.
5. Presented Paper in *International Conference on Algebra, Geometry, Analysis and their Applications* held at Jamia Milia Islamia, Delhi on November 27-29, 2014.
6. Presented Paper in *Conference on Exploring Basic and Applied Sciences for Next Generation Frontiers*, Lovely Professional University, 14-15 November, 2014.
7. Presented Paper in *International Conference on Special Functions and their Applications* at Thapar University, Patiala on 16-18 October, 2014.

8. Presented Paper in International Conference on Recent Trends in Mathematical Modeling and Statistical Analysis held at Jagdish Chandra DAV College, Dasuya on September 30, 2014.
9. Attended Teachers Enrichment Workshop on Finite Group Theory at Punjabi University, Patiala on May 27-June 2, 2014.
10. Attended Advanced School and Discussion Meeting on Knot Theory and its applications at IISER Mohali on Dec 10-Dec 20, 2013.
11. Presented Paper in Information and Mathematical Sciences (IMS-13) held at Baba Farid College of Engineering & Technology, Bathinda on October 24-26, 2013.
12. Attended National Workshop on Differential Geometry held at Banasthali University, Rajasthan on October, 2013.
13. Attended National Workshop on Latex held at Chitkara University on July 8-10, 2013.
14. Presented Paper in International Conference on Differential Geometry and Relativity held at Aligarh Muslim University on November 20-22, 2012.
15. Presented Paper in International Conference on Differential Geometry, Functional Analysis and Applications held at Jamia Milia Islamia, Delhi on September 8-10, 2012.
16. Attended Research Promotion Workshop on Introduction to Graph and Geometric Algorithms held at Thapar University, Patiala on October 28-30, 2010.

A handwritten signature in blue ink, appearing to read 'Rashmi', written on a light-colored background.

Date: 15/5/2018.

(Signature of the Teacher)