

# CURRICULUM VITAE



**1. Name:**Dr. Rajendra Prasad

**2.Father's Name:** Shri Ram Bilas Yadav

**3.Date of Birth:** 03<sup>rd</sup> Aug, 1970

**4.Present Position:** Professor, Department of Mathematics and Astronomy, University of Lucknow, Lucknow.

**5.Mailing Address:** Department of Mathematics and Astronomy, University of Lucknow, Lucknow.

**6. E – mail:**[rp.manpur@rediffmail.com](mailto:rp.manpur@rediffmail.com)

**7.Current Research:** Differential Geometry & Its Application Interest

**8.Academic Qualification:**

S.NO.	Class	Year	Board / University	% of mark
1	High School	1986	U.P.Board Allahabad	74.8
2	Intermediate	1988	U.P.Board Allahabad	74.2
3	B.Sc.	1991	University of Lucknow	66.4
4	M.Sc.	1994	University of Lucknow	61.0
5	C.S.I.R./JRF/NET	June, 1997	C.S.I.R., New Delhi	J.R.F
6	Ph.D.	2003	University of Lucknow	Ph.D.

**9. Ph.D. Thesis:**

Thesis entitled " A study of trans-Sasakian manifold and its submanifold " under the supervision of Dr.M.M.Tripathi, accepted by University of Lucknow in 2003.

**10. Ph.D. Guided:**

Amit Kumar Rai, Pankaj, Vikas Singh, Shyam Kishor, Vibha Srivastava, Jai Prakash, Punit Kumar Singh, Shashikant Pandey, Sandeep Kumar Verma, Umesh Kumar Gautam, Omkarnath Mishra, Satya Prakash Yadav, Sushil Kumar, Sumeet Kumar.

### **Students enrolled for Ph.D.:**

Swehta Singh, Vinay Kumar, Pooja Gupta, Abhinav Verma, Sushmita Sen, Vindhyachal Singh Yadav.

#### **11. Orientation Programme Attended:**

Aug 18, 2003 to September 13, 2003, Academic Staff College, University of Allahabad, Allahabad.

#### **12. Refresher Course in Mathematics Attended:**

1. Feb 24, 2003 to March 14, 2003, Academic Staff College, University of Allahabad, Allahabad.

2. Jun 20, 2005 to February 9, 2005, Academic Staff College, University of Allahabad, Allahabad.

#### **13.N.S.S. Educational Program:**

Attended the N.S.S. Education Programme since July 24,2004 to July 25,2004.

#### **14. Position of authority held or Distinctions and other Social activities:**

1. Assistant Provost of Hostel Birbal Sahni, University of Lucknow for two years (2006-2007).

2. Appointed as Programme officer of N.S.S. for three years effected from November 22, 2003, University of Allahabad, Allahabad.

3. Appointed as Member of Executive Council of University of Lucknow, Lucknow in 2011-2012.

4. Appointed as a Member of Departmental Committee of the Department of Mathematics and Astronomy University, University of Lucknow during 2010-2013.

5. Appointed as a Member of Departmental Research Committee of the Department of Mathematics and Astronomy University, University of Lucknow during 2009-2012.

6. Appointed as a Member of the Faculty Board of Science, University of Lucknow, Lucknow, since 2011 till now.

### **15. Teaching Experience:**

1. Taught in the session 1998-1999 and from July 1999 to November 12, 1999 as per norms of CSIR-JRF (Fellowship) in the Department of Mathematics and Astronomy, University of Lucknow, Lucknow.
2. Taught since November 13, 1999 to January 15, 2001, in the Department of Mathematics, B.S.N.V.G. College, Lucknow as Permanent Lecturer.
3. Taught Undergraduate and Postgraduate classes since January 16, 2001 to August 29, 2005 in Department of Mathematics, University of Allahabad, Allahabad as Permanent Lecturer and Senior Lecturer.
4. Teaching Undergraduate and Postgraduate classes since August 30, 2005 onwards in the Department of Mathematics and Astronomy, University of Lucknow, Lucknow.

### **16. Foreign Visit:**

I have visited The Abdus Salam International Center for Theoretical Physics (I.C.T.P.), Italy since June 01, 2008 to July 01, 2008 and attended "The School and conference on Differential Geometry" held during June 02, 2008 to June 20, 2008.

### **17. Book Published:**

1. A Text Book on Geometry and Trigonometry: Publisher- Alok Prakashan, I.S.B.N. - 818959991-7  
(with Prof. G.P. Dixit, Dr. R.K. Srivastava, Dr. Mohd. Miyan)
2. A Text Book on Mathematical Methods: Publisher- Alok Prakashan, I.S.B.N. - 978-81-89599-83-6  
(with Dr. K.K. Bajpai, Dr. Jitendra Awasthi)
3. Vector Analysis: Publisher- Alok Prakashan, 110, Vivekanand Marg, Allahabad.  
(With Dr. M. K. Pandey)

## 18. RESEARCH PAPERS PUBLISHED:

S.NO.	TITLE	YEAR
1.	<b>On submanifolds of codimension two of a nearly trans- Sasakian manifold:</b> U.C. De, U.C., Sengupta, A.K., Prasad, Rajendra; Tripathi, Mukut Mani; Bulletin of the Korean mathematical society 50 (3), 951-962	2001
2.	<b>On generalized Ricci-recurrent trans-Sasakian manifolds:</b> JS Kim, R. Prasad, M.M. Tripathi Journal of the Korean Mathematical Society 39 (6), 953-961	2002
3.	<b>ON AUTOMORPHISM GROUPS OF AN <math>\epsilon</math>-FRAMED MANIFOLD:</b> JS Kim, JH Cho, M.M. Tripathi, R. Prasad Communications of the Korean Mathematical Society 17 (4), 635-645	2002
4.	<b>On non-invariant hyper surface of Trans-Contact manifolds:</b> R. Prasad, M.M. Tripathi J. Int. Acad. Physical. Sci 6 (1), 33-40	2002
5.	<b>Transversal hypersurfaces of Kenmotsu manifold:</b> R. Prasad, M.M. Tripathi INDIAN JOURNAL OF PURE AND APPLIED MATHEMATICS 34 (3), 443-452	2003
6.	<b><math>\zeta</math>-horizontal hypersurfaces of Kenmotsu manifolds:</b> R. Prasad, M.M. Tripathi; Bull. Calcutta Math. Sco. 95(2), 121-126	2003
7.	<b>On semi-invariant submanifolds of nearly trans-Sasakian manifolds:</b> R. Prasad, SS Shukla, Amit Kumar Rai; Bull. Calcutta math. Soc. 98(4), 347-366	2006
8.	<b>A note on transversal hypersurfaces of Lorentzian almost paracontact manifolds:</b> R. Prasad, AK Rai, SS Shukla, M.M. Tripathi Demonstratio Mathematica 40 (4), 929-938	2007
9.	<b>GENERALIZED CR-SUBMANIFOLDS OF A NEARLY TRANS-SASAKIAN MANIFOLD:</b> R. Prasad, AK Rai, M.M. Tripathi; THE ALIGARH BULL.OF MATHEMATICS, 26(2).	2007
10.	<b>A NOTE ON TRANSVERSAL HYPERSURFACES OF ALMOST HYPERBOLIC CONTACT MANIFOLDS :</b> R. Prasad, AK Rai, M.M. Tripathi, SS Shukla ARAB JOURNAL OF MATHEMATICAL SCIENCES, 14,(4), 926-938	2008
11.	<b>On some special type of trans-Sasakian manifolds:</b> R. Prasad, Pankaj, M.M. Tripathi, SS Shukla	2009

12. **Some properties of various tensors of semi-symmetric connection in  $\beta$ -Kenmotsu manifolds:** 2009  
R. Prasad, Satya Prakash Yadav, SS Shukla;  
J.Int. Acad. Phys. Sci. 13(4), 375-382
13. **Some Conharmonically Flat Manifolds:** 2009  
R. Prasad, Satya Prakash Yadav  
Ultra scientist, 21(2), 543-552
14. **On Quasi-Conformally Semi-Symmetric Kenmotsu manifold:** 2009  
R. Prasad, Satya Prakash Yadav, Shyam Kishor;  
Ultra scientist, vol.22(1) M, 267-270
15. **Quasi-conformal curvature on trans-Sasakian manifolds:** 2010  
R. Prasad  
Proceedings of the Indian National Science Academy-Part A: Physical Sciences ...
16. **On  $(k, \mu)$ -Manifolds with Quasi-Conformal Curvature Tensor:** 2010  
R. Prasad  
Int. J. Contemp. Math. Sciences 5 (34), 1663-1676
17. **On generalized Ricci-recurrent  $N(k)$ -Contact metric Manifolds:** 2010  
R. Prasad, V Srivastava, Shyam Kishor;  
J.Nat. Math. India 24, 85-91
18. **Ricci tensor in 3-dimensional LP-Sasakian manifolds:** 2011  
R. Prasad, V Srivastava Shyam Kishor;  
J.Rajasthan Acad. Phys.Sci. 10(4), 325-330
19. **On non -invariant hypersurfaces of a nearly Sasakian manifold:** 2011  
R. Prasad, Satya Prakash Yadav, Shyam Kishor;  
J.Int. Acad. Phys. Sci.15(3), 319-330
20. **ON  $(\epsilon)$ -LORENTZIAN PARA-SASAKIAN MANIFOLDS :** 2012  
R. Prasad, V Srivastava  
Communications of the Korean Mathematical Society 27 (2), 297-306
21. **Generalized CR-Submanifolds of Manifolds with a Sasakian 3-Structure:** 2012  
SS Shukla, R. Prasad, Pankaj,  
Int. Journal of Math.Analysis, 6(46), 2265-2275.

22. **Semi-slant submersions:** 2013  
R.Prasad, Kwang Soon Park  
Bulletin of the Korean mathematical society 50 (3), 951-962
23. **ON ( $\epsilon$ )-TRANS-SASAKIAN MANIFOLDS :** 2013  
R. PRASAD, JAI PRAKASH;  
BULLETIN OF MATHEMATICAL ANALYSIS AND APPLICATION,  
ISSN:1821-1291, 5(1), 86-97.
24. **On  $\phi$ -symmetric K-contact manifolds:** 2013  
R. Prasad, V Srivastava;  
IJRRAS 16, 104-110
25. **Some results on trans-Sasakian manifolds:** 2013  
R. Prasad, V Srivastava  
Matematičkivesnik 65 (253), 346-352
26. **Slant Submanifolds of  $(LCS)_n$ -manifolds:** 2014  
SS Shukla, MK Shukla, R. Prasad;  
Kyungpook Mathematical Journal 54 (4), 667-676
27. **On pseudo-slant submanifolds of nearly trans-Sasakian manifolds:** 2014  
V Srivastava, R.Prasad;  
JOURNAL OF ADVANCES IN MATHEMATICS 8 (3), 1663-1674
28. **On Weakly Ricci  $\phi$ -Symmetric  $\epsilon$ -Trans-Sasakian Manifolds:** 2014  
S Pandey, R.Prasad;  
IOSR Journal of mathematics (IOSR JM) ,10(5), 48-52.
29. **On trans hyperbolic Sasakian Manifold:** 2014  
R. Prasad  
Mathematica Aeterna, vol. 4(8), 967-977.
30. **Some Properties of Lightlike Submanifolds :** 2015  
R Prasad, S Pandey;  
GANITA ,Vol.64, 57-73.
31. **Indefinite trans-Sasakian manifold with semi-symmetric metric connection:** 2015  
R.Prasad, S. Kumar;  
Tbilisi Mathematical Journal 8 (2), 233-255
32. **Concircular Curvature Tensor's Properties on Lorentzian Para-Sasakian Manifolds:** 2016  
S Pandey, R. Prasad, SK Verma;  
International Conference on Differential Geometry, Algebra and Analysis, 45-57
33. **CR-lightlike submanifolds of indefinite para-Sasakian manifolds:** 2016

R. Prasad, S Pandey;  
Facta universitatis-series: Mathematics and Informatics 31 (4), 873-883

34. **On a Lorentzian para-Sasakian manifold with respect to the quarter-symmetric metric connection:** 2016  
R. Prasad, A Haseeb;  
Novi Sad J. Math 46 (2), 103-116
35. **Transversal hypersurfaces with  $(f, g, u, v, \lambda)$ -structure of a nearly trans-Sasakian manifold:** 2016  
R. Prasad, SP Yadav;  
Advances in Pure and Applied Mathematics 7 (2), 115-121
36. **On An  $(\epsilon, \delta)$ -Trans-Sasakian Manifold With Semi-Symmetric Metric Connecton:** 2016  
S Kumar, R. Prasad;  
GANITA, Vol. 66, 21-16.
37. **Slant Riemannian maps from an almost contact manifold:** 2017  
R. Prasad, S Pandey;  
Filomat 31 (13), 3999-4007
38. **Ricci solitons on Kenmotsu manifolds with respect to quarter symmetric non-metric  $\phi$ -connection:** 2017  
SK Hui, R. Prasad, D Chakraborty;  
Ganita 67, 195-204
39. **Certain curvature conditions in Kenmotsu manifolds with respect to the semi-symmetric metric connection:** 2017  
A Haseeb, R. Prasad;  
Communications of the Korean Mathematical Society 32 (4), 1033-1045
40. **An Indefinite Kenmotsu Manifold Endowed With Quarter Symmetric Metric Connection:** 2017  
R. Prasad, S Pandey;  
Global Journal of Pure and Applied Mathematics 13 (7), 3477-3495
41. **Slant Riemannian maps from Kenmotsu manifolds into Riemannian manifolds:** 2017  
R. Prasad, S Kumar;  
Global J. Pure Appl. Math 13, 1143-1155
42. **Conformal curvature tensor on K-contact manifolds with respect to the quarter symmetric metric connection:** 2017  
R. Prasad, A Haseeb;  
Facta Universitatis (NIS), Ser. Math. Inform 32, 503-514
43. **SEMI-SLANT SUBMERSION FROM AN ALMOST PARA COSYMPLECTIC MANIFOLD:** 2017  
R. Prasad, S Pandey;  
Novi Sad J. Math 47 (2), 93-105

44. **Conformal anti-invariant Submersions from Sasakian manifolds:** 2017  
S Kumar, R Prasad;  
Global Journal of Pure and Applied Mathematics 13 (7), 3577-3600
45. **On a Class of  $\alpha$ -para Kenmotsu manifolds with semi-symmetric metric connection:** 2017  
R. Prasad, S Kumar  
Palestine Journal of Mathematics 6(Special Issue: II),297-307
46. **POINTWISE SLANT SUBMERSIONS FROM KENMOTSU MANIFOLDS INTO RIEMANNIAN MANIFOLDS:** 2017  
S Kumar, AK Rai, R. Prasad;  
Italian Journal of Pure and Applied Mathematics, N.38, 561-572
47. **Pointwise slant submersions from Sasakian manifolds:** 2018  
S Kumar, R. Prasad;  
J. Math. Comput. Sci. 8 (3), 454-466
48. **CONFORMAL ANTI-INVARIANT SUBMERSIONS FROM KENMOTSU MANIFOLDS ONTO RIEMANNIAN MANIFOLDS:** 2018  
S Kumar, R. Prasad:  
ITALIAN JOURNAL OF PURE AND APPLIED MATHEMATICS, N.40, 474-500
49. **Slant lightlike submersions from an indefinite nearly Kahler manifold into a lightlike manifold:** 2018  
R. Prasad, PK Singh, S Kumar;  
J. Math. Comput. Sci. 8 (2), 225-240
50. **ON A CLASS OF THREE DIMENSIONAL f-KENMOTSU MANIFOLDS:** 2018  
A Haseeb, R. Prasad;  
Bulletin of the Transilvania University of Brasov. Mathematics, Informatics ...
51. **On concircular curvature tensor in a Lorentzian  $\alpha$ -Sasakian manifold with respect to the quarter-symmetric non-metric connection:** 2018  
A Haseeb, R. Prasad;  
Acta et Commentationes Universitatis Tartuensis de Mathematica 22 (2), 279-292
52. **Semi-slant Riemannian maps from almost contact metric manifolds into Riemannian manifolds:** 2018  
R. Prasad, S Kumar;  
Tbilisi Mathematical Journal 11 (4), 19-34
53. **On nearly Kenmotsu manifolds with semi-symmetric metric connection:** 2018  
R. Prasad, S Kumar, UK Gautam;  
Ganita 68 (1)
54. **TRANS-SASAKIAN MANIFOLDS WITH RESPECT TO A NON-SYMMETRIC NON-METRIC CONNECTION:** 2018



- SKC, PANKAJ, R. PRASAD;  
Global Journal of Advanced Research on classical and modern geometries, ISSN:2284-5569,7(1), 1-10.
55. **A NON-METRIC  $\Phi$ -CONNECTION ON A RIEMANNIAN MANIFOLD:** 2018  
R. Prasad, UK Gautam, SK Verma, S Kumar;  
GANITA, vol. 68(2), 07-17
56. **SEMI-SLANT RIEMANNIAN MAPS FROM ALMOST CONTACT MANIFOLDS:** 2018  
R. PRASAD, S PÁNDEY;  
Analeleuniversitatii Oradea, FascMatematica, TomXXV Issue No.2, 127-141.
57. **On Quasi-bi-slant submersions:** 2019  
R. Prasad, SS Shukla, S Kumar;  
Mediterranean Journal of Mathematics 16 (6), 1-18
58.  **$\eta$ -RICCI SOLITONS ON  $\epsilon$ -LP-SASAKIAN MANIFOLDS WITH A QUARTER-SYMMETRIC METRIC CONNECTION:** 2019  
A Haseeb, R. Prasad;  
Honam Mathematical Journal 41 (3), 539-558
59. **Conformal semi-slant submersions from Lorentzian para Sasakian manifolds:** 2019  
S Kumar, R. Prasad, PK Singh  
Communications of the Korean Mathematical Society 34 (2), 637-655
60. **Some results on projective curvature tensor in Sasakian manifolds:** 2019  
UK Gautam, A Haseeb, R. Prasad  
Communications of the Korean Mathematical Society 34 (3), 881-896
61. **Conformal Semi-Invariant Submersions from Almost Contact Metric Manifolds onto Riemannian Manifolds:** 2019  
R. Prasad, S Kumar;  
Khayyam Journal of Mathematics 5 (2), 77-95
62. **On a Lorentzian Sasakian manifold endowed with a quarter-symmetric metric connection:** 2019  
R. Prasad, S Pandey, A Haseeb;  
Annals of West University of Timisoara-Mathematics and Computer Science 57 ...
63. **Conformal anti-invariant submersions from nearly Kähler Manifolds:** 2019  
R. Prasad, S Kumar;  
Palestine Journal of Mathematics 8 (2)
64. **SOME PROPERTIES OF PSEUDO-SLANT SUBMANIFOLDS OF A SASAKIAN MANIFOLD:** 2019  
S Kumar, S Pandey, R. Prasad;  
Bulletin of the Transilvania University of Brasov. Mathematics, Informatics ...

65. **On some classes of concircular curvature tensor on Lorentzian para-Sasakian manifolds:** 2019  
R. Prasad, SK Verma, S Kumar, PK Singh;  
J. Math. Comput. Sci. 9 (3), 340-353
66. **A NOTE ON EINSTEIN-LIKE PARA-KENMOTSU MANIFOLDS:** 2019  
R. Prasad, SK Verma, S Kumar;  
Honam Mathematical Journal 41 (4), 669-682
67. **Certain curvature conditions on 3-Dimensional f-Kenmotsu Manifolds:** 2019  
A HASEEB, R. PRASAD, VAN DANA  
Advanced Studies in contemporary Mathematics,29(4), 603-612.
68. **On  $(\epsilon)$ -Lorentzian trans-Sasakian manifolds :** 2019  
R. Prasad, UK Gautam, J Prakash, AK Rai;  
GANITA, vol. 69(2), 15-30.
69. **A Study on Lorentzian  $\alpha$ -Sasakian Manifolds :** 2019  
R. Prasad, S Pandey, SK VERMA, S Kumar  
Konuralp Journal of Mathematics (KJM) 7 (2), 324-332
70. **Bi-Slant Submersions from Kaehler Manifolds:** 2019  
C SAYAR, MA AKYOL, R PRASAD  
17TH INTERNATIONAL GEOMETRY SYMPOSIUM, 151
71. **Bi-slant submersions in complex geometry:** 2020  
C Sayar, MA Akyol, R Prasad;  
International Journal of Geometric Methods in Modern Physics 17 (04), 2050055
72. **Quasi hemi-slant submanifolds of cosymplectic manifolds:** 2020  
R. Prasad, SK Verma, S Kumar, SK Chaubey;  
Korean Journal of Mathematics 28 (2), 257-273
73. **Quasi hemi-slant submanifolds of Sasakian manifolds:** 2020  
R. Prasad, SK Verma, S Kumar;  
J. Math. Comput. Sci. 10 (2), 418-435
74. **On Kenmotsu manifolds with a semi-symmetric metric connection:** 2020  
S Yadav, SK Chaubey, R. Prasad;  
Facta Universitatis (NIS) Ser. Math. Inform 35 (1), 101-119
75. **Conformal hemi-slant submersions from almost Hermitian manifolds:** 2020  
S Kumar, S Kumar, S Pandey, R. Prasad;  
Communications of the Korean Mathematical Society 35 (3), 999-1018
76.  **$\eta$ -Ricci solitons in Lorentzian  $\alpha$ -Sasakian manifolds:** 2020  
A Haseeb, R. Prasad;  
Facta Univ. Ser., Math. Inform 35 (3), 713-725

77. **\*-conformal  $\eta$ -Ricci solitons in  $\epsilon$ -Kenmotsu manifolds:** 2020  
A Haseeb, R. Prasad;  
Publications de l'Institut Mathematique 108 (122), 91-102
78. **Some results on Lorentzian para-Kenmotsu manifolds:** 2020  
A Haseeb, R. Prasad;  
Bulletin of the Transilvania University of Brasov. Series III: Mathematics ...
79. **Certain curvature conditions in Lorentzian para-Sasakian manifolds:** 2020  
A Haseeb, R. Prasad;  
International Journal of Maps in Mathematics 3 (2), 85-99
80. **QUASI HEMI-SLANT SUBMANIFOLDS OF KAEHLER MANIFOLDS:** 2020  
R. Prasad, SS Shukla, A Haseeb, S Kumar;  
Honam Mathematical Journal 42 (4), 795-809
81. **Semi-slant Riemannian maps from cosymplectic manifolds into Riemannian manifolds:** 2020  
S Kumar, R. Prasad;  
Gulf Journal of Mathematics 9 (1), 62-80
82. **Sasakian manifolds admitting a non-symmetric non-metric connection:** 2020  
SK Chaubey, R. Prasad;  
Palestine Journal of Mathematics 9 (2), 698-710
83. **Hemi-slant Riemannian maps from almost contact metric manifolds:** 2020  
R. Prasad, S Pandey;  
Palestine Journal of Mathematics 9 (2), 811-823
84. **ON THREE DIMENSIONAL  $f$ -KENMOTSU MANIFOLDS WITH ACERTAIN CONNECTION:** 2021  
R. PRASAD, A HASEEB, UK GAUTAM;  
Global Journal of Advanced Research on classical and modern geometries. ISSN.2284-5569 vol.10. 91-101.
85. **A note on quasi-bi-slant submanifolds of Sasakian manifolds:** 2021  
R. Prasad, SK Verma;  
Arabian Journal of Mathematics 10 (3), 685-698
86. **On Quasi bi-slant submersions from Kenmotsu manifolds onto any Riemannian manifolds:** 2021  
R. Prasad, MA AKYOL, PK Singh, S Kumar;  
JOURNAL OF MATHEMATICAL EXTENSION 16
87. **Semi-incline lightlike submanifolds of indefinite cosymplectic manifolds:** 2021  
R. Prasad, S Pandey;  
J. Math. Comput. Sci. 11 (5), 5947-5969

88. **Conformal semi-slant submersions from cosymplectic manifolds:** 2021  
S Kumar, R. Prasad, SK Verma;  
J. Math. Comput. Sci. 11 (2), 1323-1354
89. **Conformal semi-slant submersions from Lorentzian para Kenmotsu manifolds:** 2021  
R. Prasad, PK Singh, S Kumar;  
Tbilisi Mathematical Journal 14 (1), 191-209
90. **THREE-DIMENSIONAL LORENTZIAN PARA-KENMOTSU MANIFOLDS AND YAMABE SOLITONS:** 2021  
Pankaj, SK Chaubey, R. Prasad;  
Honam Mathematical Journal 43 (4), 613-626
91. **On quasi hemi-slant submanifolds of nearly Kaehler manifolds:** 2021  
R. Prasad, PK Singh, AK Rai;  
Differential Geometry-Dynamical Systems 23, 188-202
92. **SOME RESULTS ON  $\eta$ -RICCI SOLITONS IN QUASI-SASAKIAN 3-MANIFOLDS:** 2021  
A Haseeb, S Pandey, R. Prasad;  
Communications of the Korean Mathematical Society 36 (2), 377-387
93. **Quasi bi-slant submanifolds of para-Kenmotsu manifolds:** 2021  
R. Prasad, A Haseeb, S Singh;  
Balkan Journal of Geometry and Its Applications 26 (2), 100-111
94. **On Quasi-Hemi-Slant Riemannian Maps:** 2021  
R. Prasad, S Kumar, S Kumar, AT VANLI;  
Gazi University Journal of Science 34 (2), 477-491
95. **On quasi bi-slant submersions from Sasakian manifolds onto Riemannian manifolds:** 2021  
R. Prasad, PK Singh, S Kumar;  
Afrika Matematika 32 (3), 403-417
96. **ON  $\phi$ -SEMISYMMETRIC LP-KENMOTSU MANIFOLDS WITH A QSNM-CONNECTION ADMITTING RICCI SOLITONS:** 2021  
R.PRASAD, A HASEEB, UK GAUTAM;  
Kragujevac Journal of Mathematics 45 (5), 815-827
97. **Certain results on Lorentzian para-Kenmotsu manifolds:** 2021  
A Haseeb, R. Prasad;  
Boletim da Sociedade Paranaense de Matemática 39 (3), 201-220
100. **On quasi bi-slant Lorentzian submersions from LP-Sasakian manifolds:** 2022  
R. Prasad, F Mofarrehb, A Haseeb, SK Verma  
J. Math. Computer Sci., 24, 186-200
101. **Quasi bi-slant submersions in contact geometry:** 2022  
R. Prasad, MA Akyol, S Kumar, PK Singh  
Cubo (Temuco) 24 (1), 1-20

- 102. Quasi Bi-Slant Submanifolds of Kaehler Manifolds:** 2022  
R. Prasad, MA Akyol, SK Verma, S Kumar;  
International Electronic Journal of Geometry 15 (1), 57-68
- 103. QUASI BI-SLANT SUBMANIFOLDS OF KENMOTSU MANIFOLDS:** 2022  
R. PRASAD, A HASEEB, P GUPTA, A HUSSEIN;  
Advanced Studies in contemporary Mathematics, 32 (2), 185-197.
- 104. Clairaut semi-invariant Riemannian maps from almost Hermitian manifolds:** 2022  
Sushil Kumar, R. Prasad, Sumeet Kumar;  
Turkish journal of Mathematics (Turk J Math), 46, 1193-1209
- 105. Quasi, Hami-slant submanifolds of Kenmotsu manifolds:** 2022  
R. Prasad, A Haseeb, Pooja Gupta,  
J. Appl. Math. & informatics, vol.40. no. 3-4, page 475-490.
- 106. Sasakian Manifolds Admitting  $\ast$ - $\eta$ -Ricci-Yamabe Solitons:** 2022  
A Haseeb, R. Prasad, F Mofarreh  
Advances in Mathematical Physics 2022, Article ID 5718736, 7 Pages.
- 107. V-Quasi-Bi-Slant Riemannian Maps:** 2022  
S. Kumar, Mohd. Bilal, R. Prasad, A. Haseeb and Z. Chen,  
Symmetry Vol. 14, 1360, 2022.

### 19. Research Papers Accepted By Publication:

1. Shashikant Pandey, Abhishek Singh, Rajendra Prasad: Some geometric properties of  $\eta^*$ -Ricci Solitons on  $\alpha$ -Lorentzian Sasakian manifolds; Kyungpook Mathematical journal, ISSN :1225-6951
2. Sushil Kumar, R. Prasad, Sandeep Kumar Verma: HEMI-SLANTRIEMANNIAN SUBMERSIONS FROM COSYMPLECTIC MANIFOLDS; Communications of the Korean Mathematical Society. ISSN, 1225-1763

### 20. Invited Talk:

Some Special curvature tensor on trans-Sasakian manifolds. 4<sup>th</sup> Annual conference of the tensor society on Application of tensors and differential Geometry in Engineering and Physical sciences, October 8-9, 2011 SRMGPC, Lucknow.

### 21. Conference Attended and Presented the Paper:

1. A note on a trans-Sasakian manifolds; International conference on Differential Geometry, Functional Analysis and Application held during September 8-10,2012 in Jamia Milia Islamia University, New Delhi.

2. A study of  $(K, \mu)$  contact metric manifolds; 3<sup>rd</sup> National Symposium on Modern Trends in Differential Geometry and Mathematical Modeling in Bio - Sciences held during January 15-16,2011 in the Department of Mathematics and Astronomy, Lucknow University, Lucknow.

3. On 3 - dimensional trans - hyperbolic Sasakian manifolds,2<sup>nd</sup> National Symposium on Modern Trends in Differential Geometry and Mathematical Modeling in Bio - Sciences held during January 09-10, 2010 in the Department of Mathematics and Astronomy, Lucknow University, Lucknow.

4. On Generalized Ricci - Recurrent  $(K, \mu)$  contact manifolds; 12<sup>th</sup> International Conference of International Academy of Physical Sciences held during December 22-24, 2010, in University of Rajasthan, Jaipur.

## **22. Conference Attended:**

1. 8<sup>th</sup> Conference of International Academy of Physical Sciences held during December 29-30, 2005 in Chaudhary Charan Singh University, Meerut.

2. I have visited to The Abdus Salam International Center for Theoretical Physics (I.C.T.P.). Italy since June 01, 2008 to July 01,2008 and attended " The School and Conference on Differential Geometry " held during June 02, 2008 to June 20,2008.

3. 11<sup>th</sup> International Conference of the International Academy of Physical Sciences held during February 20-22, 2010 in the Department of Mathematics, University of Allahabad, Allahabad.

4. Conference of the Tensor Society on Application of Tensor and Differential Geometry during July 5-6, 2008 in SRMCEM, Lucknow.

## **23. Other Courses and Activities Attended:**

1. Professional Development Course in Information communication technique " Enabled Teaching and Learning held from March 22,2011 to March 28,2011, University Grants commission Academic Staff college, University of Lucknow and presented a paper " On  $N(K)$  -Contact Manifolds ".

2. Workshop on Latex and Scilab, held from November 26,2011, University Grant commission Academic Staff college, University of Lucknow and

presented a paper " On Generalized Ricci - Recurrent  $(\kappa, \mu)$  contact metric manifolds and its Submanifolds ".

#### **24. Books used for Teaching in Post Graduate and Graduate Classes:**

1. An Introduction to Differential Geometry: By T.J. Willmore (Oxford University Press).
2. Riemannian Geometry and Geometric Analysis: By Jürgen Jost, (Springer).
3. Riemannian Geometry: By Peter Petersen (Springer).
4. Differential Geometry: Schaum's Outlines Series (Tata McGraw - Hill).
5. Differential Geometry of Manifolds: By U.C. De & A.A. Shaikh (Narosa Publishing House).
6. Complex Manifolds and Contact Manifolds: By U.C. De & A.A. Shaikh (Narosa Publishing House).
7. Differential Analysis on Complex Manifolds: By R.O. Wells, Jr. (Springer).
8. Semi - Riemannian Geometry: By B.O. Neill (Academic Press).
9. Notes on Differential Geometry: By N.J. Hicks.
10. Structures on a Differential Manifolds and its Submanifolds; By R.S. Mishra, Chandrama Prakashan, Allahabad.
11. Light Like Submanifolds of Semi-Riemannian Manifolds and Application: By K.L. Duggal and A. Bejanku (Kluwer Academic Publishers).
12. Elements of Partial Differential Equation: By Ian Snedon (McGraw - Hill).
13. Vector Analysis: Schaum's Outlines Series (McGraw-Hill).
14. Complex Variable: Schaum's Outlines Series (McGraw-Hill).
15. Linear Algebra: Schaum's Outlines Series (McGraw-Hill).
16. Linear Algebra: By Hoffman & Kunze.
17. Algebra (Volume - 1): By Ramji Lal (Shail Publications).
18. Algebra (Volume - 2): By Ramji Lal (Shail Publications).
19. A First Course in Abstract Algebra: J.B. Fraleigh.

20. A Course in Ordinary Differential Equations: By B. Rai, D.P.C haudhary, H.I. Freedman ( Narosa Publishing House ) .
21. Mathematical Analysis: By S.C. Malik & Savita Arora (Wiley Eastern Publication).
22. Complex Variables and Application: By R.V. Churchil & J.W. Brown.
23. Algebra: By Michael Artin (PHI Publications).
24. Advanced Differential Equations: By M.D.Rai Singhania (Rajendra Ravindra printers).
25. Mechanics: By Sunil Dutta (PHI Learning).
26. Mechanics: By R.S. Verma.
27. Real Analysis: By H.L. Royden (Prentice - Hall of India).

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