

Dr. Siraj Uddin

❖ PERSONAL AND SERVICE PARTICULAR:

Name: **Siraj Uddin**
Position: **Professor**
Department: **Mathematics**
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❖ ACADEMIC QUALIFICATIONS:

B.Sc. Mathematics, Physics, Chemistry, 1999, **65.4%**, Rohilkhand University, Bareilly, India
M.Sc. (Mathematics) 2002, **71%**, Aligarh Muslim University, India
M.Phil. (*Geometry of real submanifolds*), 2004, **74.4%**, Aligarh Muslim University, India
Ph.D. (*Some Geometrics aspects of warped product submanifolds*), Jan 2008, Aligarh Muslim University, India

Additional Qualification:

NET-JRF (CSIR), With All India Rank 13, SPM (SM0013), June 2004

❖ EMPLOYMENT HISTORY:

1. **Professor** Department of Mathematics, **Jamia Millia Islamia**, New Delhi, **India** July 25, 2023- Till date.
2. **Professor** Department of Mathematics, **King Abdulaziz University**, Jeddah, **Saudi Arabia** Nov. 20, 2019- July 23, 2023.
3. **Associate Professor**, Department of Mathematics, **King Abdulaziz University**, Jeddah, **Saudi Arabia** Feb 01, 2016-Nov 19, 2019.
4. **Assistant Professor**, Department of Mathematics, **King Abdulaziz University**, Jeddah, **Saudi Arabia** Oct.15, 2014- Jan 31, 2016.
5. **Senior Lecturer**, Institute of Mathematical Sciences, **University of Malaya**, Kuala Lumpur, **Malaysia**, July 2009-Oct. 2014.
6. **Guest Faculty** (Assistant Professor) Department of Mathematics, **Aligarh Muslim University, India**, Dec 2007- July 2009.
7. Teaching Assistant, Department of Mathematics, Aligarh Muslim University, India, 2005- 2007.

❖ SUPERVISIONS:

- (a) **Post Doctoral:** Avik De, under University Malaya Research Grant 2012-13 (Awarded)

(b) Ph.D.:

1. **Akram Ali**, (Geometric Aspects of Riemannian submanifolds and their warped products), **University of Malaya**, 2017 (Awarded)
2. **Monia Fouad Nagih**, (Geomery of Warped product submanifolds of Kenmotsu manifolds), **King Abdulaziz University**, 2017 (Awarded)
3. **Awatif, Al-jedani**, (Geometry of biwarped product submanifolds), **King Abdulaziz University**, 2020 (Awarded)
4. **Fatima Al-Ghamdi**, (Some geometric obstructions on warped products and their Applications), **King Abdulaziz University**, 2021 (Awarded)
5. **Noura Alhouiti**, (Pointwise slant submanifolds and their warped products), **King Abdulaziz University**, 2021 (Awarded)
6. **Najwa Al-asmary** (Geometry of Sequential warped product submanifolds and their Applications), **King Abdulaziz University**, 2023 (Awarded).
7. **Rawan Bossly** (Some classes of warped product submanifolds and their applications, **King Abdulaziz University**, 2023 (Awarded)

(c) M.Sc. by research.

1. **Najwa Al-asmary**, (*Warped product submanifolds of locally product Riemannian Manifolds*), **King Abdulaziz University**, 2016 (Awarded)
2. **Ashwag Althai**, (Geometry of skew CR-submanifolds I), **King Abdulaziz University**, 2021 (Awarded)
3. **Ashwag Al-malkhildi**, (Geometry of skew CR-warped product submanifolds II), **King Abdulaziz University**, 2022 (Awarded).

(d) B.Sc. Final Year Projects:

1. Mohammed Zainuddin Baginda, (*Some Structure on Almost contact metric manifolds and their submanifolds*), **University of Malaya**, 2012 (completed)
2. Faizol, (*Almost Hermitian manifolds and their submanifolds*), **University of Malaya**, 2012 (completed)
3. Ayesha Tariq, Industrial Training, Actuarial Science, **University of Malaya** 2013 (completed)
4. Academic advisor of **six (6)** students, **University of Malaya** 2012 (completed).

❖ RESEARCH PROJECTS:

1. RG117-10AFR, UMRG 2010-2012, **PI**, *Geometry of warped product submanifolds*, Amount: **RM 50,000.00**, **University of Malaya** Research Grant (Completed)
2. RG278-14AFR, UMRG, 2014-2016 **PI**, *Geometric Aspects of Warped product submanifolds*, Amount: **RM 64000** **University of Malaya** Research Grant (Completed)
3. D938-130-1435, DSR, KAU, **PI**, Chen type inequality for warped product immersions in cosymplectic space forms, Amount: **SR 30000**, Deanship of Scientific Research, **King Abdulaziz University** (Completed)
4. G687-247-1437, DSR General Program, **Co-PI**, *Warped product pointwise pseudo-slant submanifolds of locally product Riemannian manifolds*, Amount: **SR 28000**, Deanship of Scientific Research, **King Abdulaziz University** (Completed)
5. G688-247-1437, DSR General Program, **Co-PI**, *Warped product bi-slant submanifolds cosymplectic manifolds*, Amount: **SR 25000**, Deanship of Scientific Research, **King Abdulaziz University** (Completed)
6. G632-130-1437, DSR General Program, **PI**, *Warped product bi-slant immersions in Kaehler manifolds*, Amount: **SR 35000**, Deanship of Scientific Research, **King**

- Abdulaziz University** (Completed)
7. G640-130-1437, DSR General Program, **PI**, *Warped product skew CR-submanifolds of Sasakian manifolds*, Amount: **SR 30800**, Deanship of Scientific Research, King Abdulaziz University (Completed).
 8. G-657-130-39, DSR General Program, **PI**, Another class of skew CR- warped products of Kenmotsu manifolds, Amount: **SR 26800**, Deanship of Scientific Research, King Abdulaziz University (Completed).
 9. KEP-PhD-33-130-38, DSR Excellence Program, **PI**, Geometry of bi-warped product submanifolds, Amount: **SR 140,000**, Deanship of Scientific Research, King Abdulaziz University (Completed).
 10. KEP-12-130-39 DSR Excellence Program, **PI**, Geometry of golden Riemannian manifolds and their warped products, Amount: **SR 80,000**, Deanship of Scientific Research, King Abdulaziz University (Completed).
 11. G-775-130-1441, DSR General Program, **PI**, CR-slant warped products of nearly Kaehler manifolds Amount: **SR 25,000**, Deanship of Scientific Research, King Abdulaziz University (Completed).
 12. G-1284-130-1440, DSR General Program, **PI**, Chen-Ricci inequality for pointwise semi-slant submanifolds Amount: **SR 25,000**, Deanship of Scientific Research, King Abdulaziz University (Completed).

❖ **RECENT PUBLICATIONS (ISI, SCI JOURNALS):**

1. K.A. Khan, V.A. Khan and Siraj Uddin, *Warped product submanifolds of cosymplectic manifolds*, Balkan J. Geom. Appl. 13(2008), 55-65.
2. Siraj Uddin, *Warped product CR-submanifolds of LP-cosymplectic manifolds*, Filomat 24(1) (2010), 87-95.
3. Siraj Uddin, V.A. Khan, K.A. Khan, *A note on warped product submanifolds of cosymplectic manifolds*, Filomat, 24(3) (2010), 95-102.
4. Siraj Uddin, S.H. Kon, M.A. Khan and Khushwant Singh, *Warped product semi-invariant submanifolds of nearly cosymplectic manifolds*, Mathematical Problems in Engineering, (2011). Article ID 230374, 12 pages doi:10.1155/2011/230374
5. Falleh R. Al-Solamy, Meraj Ali Khan and Siraj Uddin, *Totally umbilical hemi-slant submanifolds of Kaehler manifolds*, Abstract and Applied Analysis, 2011 Article ID 987157, 9 pages doi:10.1155/2011/987157, ISI Article ID 516238.
6. Siraj Uddin, M.A. Khan and Khushwant Singh, *Totally umbilical proper slant and hemi-slant submanifolds of an LP-cosymplectic manifold*, Mathematical Problems in Engineering, Volume 2011 Article ID 516238, 9 pages doi:10.1155/2011/516238.
7. Siraj Uddin A.Y. Chin, *Warped product pseudo-slant submanifolds of nearly Kaehler manifolds*, Analele Stiintifice ale Universitatii Ovidius Constanta Seria Matematica, 19 (2011),195-204.
8. V.A. Khan, K.A. Khan and Siraj Uddin, *A note on warped product submanifolds of Kenmotsu manifolds*, Math. Slovaca 61 (2011), No. 1, 1-14.
9. Siraj Uddin, B.R. Wong and A.A. Mustafa, *Warped Product Pseudo-Slant Submanifolds of a Nearly Cosymplectic Manifold*, Abstract and Applied Analysis, 2012 (2012)doi:10.1155/2012/420890.
10. Siraj Uddin and Khalid Ali Khan, *An inequality for contact CR-warped product submanifolds of nearly cosymplectic manifolds*, Journal of inequalities and its Applications, (2012) 304 doi:10.1186/1029-242X-2012-304.
11. S.K. Hui, Siraj Uddin, Cenap Ozel, A.A. Mustafa, *Warped product submanifolds of LP-Sasakian manifolds*, Discrete Dynamics in Nature and Society **2012 (2012)**, Article ID 868549, 11 pages
12. M.A. Khan, Siraj Uddin and Rashmi Sachdewa, *Semi-invariant warped product submanifolds of cosymplectic manifolds*, Journal of Inequalities and Applications, doi:10.1186/1029-242X-2012-19.

13. Siraj Uddin, Cenap Ozel and Viqar Azam Khan, *A classification of a totally umbilical slant submanifolds of cosymplectic manifolds*, Abstract and Applied Analysis, 2012 (2012), Article ID 716967, 8 pages doi:10.1155/2012/716967 Volume 2012 (2012).
14. Siraj Uddin, Cenap Ozel and V.A. Khan, *Warped product CR-submanifolds of Lorentzian β -Kenmotsu manifolds*, Publications de l'Institut Mathématique Nouvelle s e, tome 92(106) (2012), 157-163.
15. Siraj Uddin, V.A. Khan and K.A. Khan, *Warped product submanifolds of a Kenmotsu manifold*, Turk. J. Math., 36 (2012) , 319-330.
16. Khushwant Singh, Siraj Uddin and M.A. Khan, *A note on totally umbilical proper slant submanifolds of a nearly Kaehler manifold*, Kuwait J. Sci. 40 (2013), 13-22.
17. Abdaqader Mustafa, Siraj Uddin, V.A. Khan and B.R. Wong, *Contact CR-warped product submanifolds of nearly trans- Sasakian manifolds*, Taiwanese Journal of Mathematics Vol. 17, No. 4, (2013), 1473-1486.
18. Siraj Uddin and Cenap Ozel, *A classification theorem on totally umbilical submanifolds in a cosymplectic manifold*, Hacettepe Journal of Mathematics and Statistics, 43 (2014), 635-640.
19. A. Mustafa, Siraj Uddin and B.R. Wong, *Generalized inequalities on warped product submanifolds in nearly trans-Sasakian manifolds*, Journal of Inequalities and Applications 2014(2014):346, 16 pages, doi.org/10.1186/1029-242X-2014-346
20. Siraj Uddin, A. Mustafa, B.R. Wong and C. Ozel, *A geometric inequality for warped product semi-slant submanifolds of nearly cosymplectic manifolds*, Revista de la Union Matemtica Argentina 55 (2014), 55-69.
21. Avik De and Siraj Uddin, *Gauss and Ricci Equations in Contact Manifolds with a Quarter-Symmetric Metric Connection*, Bull. Malays. Math. Sci. Soc. 2015, Volume 38, Issue 4, pp 1689–1703, doi.org/10.1007/s40840-014-0105-x.
22. Siraj Uddin, V.A. Khan and Cenap Ozel, *A classification of totally umbilical ξ^\perp CR-submanifolds of cosymplectic manifolds*, Rocky Mountain Journal of Mathematics 45 (2015), 361-369.
23. Siraj Uddin and Lamia S. Alqahtani, *Chen type inequality for warped product immersions in cosymplectic space forms*, J. Nonlinear Sci. Appl. 9 (2016), 2914–2921.
24. Siraj Uddin and Falleh R. Al-Solamy, *Another proof of derived inequality for warped product semi-invariant submanifolds of cosymplectic manifolds*, Journal of Math. Analysis 7 (4) (2016), 93-97.
25. Siraj Uddin, Zafar Ahsan and A. H.Yaakub, *Classification of totally umbilical slant submanifolds of a Kenmotsu manifold*, Filomat 8 (2016) 1-10.
26. S. Uddin, A. Alghanemi, M.F. Naghi and F.R. Al-Solamy, *Another class of warped product CR-submanifolds in Kenmotsu manifolds*, J. Math. Computer Sci., 17 (2017), 148–157.
27. F R. Al-Solamy, V.A. Khan and Siraj Uddin, *Geometry of warped product semi-slant submanifolds of nearly Kaehler manifolds*, Results. Math. 71 (3-4), (2017), 783-799, doi:10.1007/s40840-014-0105-x.
28. Siraj Uddin, B.-Y. Chen and F.R. Al-Solamy, *Warped product bi-slant immersions in Kaehler manifolds*, Mediterr. J. Math., 14 (2017), Art. 95, 11 pp, doi:10.1007/s00009-017-0896-8.
29. Adem Kilicman, Cenap Özel, Ibrahim Sener, Siraj Uddin, Hishamuddin Zainuddin *A Note on Anti Self Dual SU(3) Gauge Theory over a Six-dimensional Manifold*, Comptes rendus de l'Acade'mie bulgare des Sciences, Vol. 70, No4, (2017) pp.477-488.
30. Akram Ali, Siraj Uddin, Wan Ainun, Othman, *Geometry of warped product pointwise semi-slant submanifolds of Kaehler manifolds*, Filomat 31:12 (2017), 3771–3788, doi.org/10.2298/FIL1712771A .
31. F.R. Al-Solamy, Siraj Uddin, *A general inequality for contact CR-warped product submanifolds of cosymplectic space forms*, Comptes rendus de l'Acade'mie bulgare des Sciences, Vol 70 (2017), no. 9, pp.1195-1206.

32. Siraj Uddin and F.R. Al-Solamy, *Warped product pseudo-slant immersions in Sasakian manifolds*, Publ. Math. Debrecen, 91 (3-4) (2017), 331348, DOI:10.5486/PMD.2017.7640.
33. Mehmet Atceken, Siraj Uddin, *Semi-invariant submanifolds of a normal almost paracontact manifold*, Filomat 31:15 (2017), 4875–4887, doi.org/10.2298/FIL1715875A.
34. Lamia S. Alqahtani, Mica Stankovic, Siraj Uddin, *Warped product bi-slant submanifolds of cosymplectic manifolds*, Filomat 31:16 (2017), 5065–5071, doi.org/10.2298/FIL1716065A
35. A. Ali, Siraj Uddin, W.A. Othman and Cenap Ozel, *Curvature inequalities for C-totally real doubly warped product of locally conformal almost cosymplectic manifolds*, Filomat 31:20 (2017), 6449–6459, doi.org/10.2298/FIL1720449A
36. Siraj Uddin, M.F. Naghi and F.R. Al-Solamy, *Another Class of Warped Product Submanifolds of Kenmotsu Manifolds*, Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas 112 (2018), 1141-11555, . doi:10.1007/s13398-017-0415-6.
37. Siraj Uddin, *Geometry of warped product semi-slant submanifolds of Kenmotsu manifolds*, Bull. Math. Sci. 8 (2018) , 435-451.
38. B.-Y. Chen and Siraj Uddin, *Warped Product Pointwise Bi-slant Submanifolds of Kaehler Manifolds*, Publ. Math. Debrecen 92 (1-2) (2018), 183-199.
39. Siraj Uddin, Mica S. Stankovic, *Warped product submanifolds of Kaehler manifolds with pointwise slant fiber*, Filomat 32 (1), (2018) 35-44.
40. S.K. Hui, Siraj Uddin, Ali H. Alkhaldi and Paradip Mandal, *Invariant submanifolds of generalized Sasakian space forms*, International Journal of Geometric Methods in Modern Physics, 15 (2018), 1850149, pages 21.
41. Lamia S. Alqahtani, Siraj Uddin, *Warped product pointwise pseudo-slant submanifolds of locally product Riemannian manifolds*, Filomat 32 (2), (2018), 423-438
42. Yavuz Selim Balkan, Siraj Uddin, Ali H. Alkhaldi, *A class of ϕ -recurrent almost cosymplectic space*, Honam Mathematical Journal 40 (2) (2018), 321-332.
43. Monia F. Naghi, Siraj Uddin and Falleh R. Al-Solamy, *Warped product submanifolds of Kenmotsu manifolds with slant fiber*, Filomat 32 (6) (2018), 2115-2126.'
44. Siraj Uddin, F.R. Al-Solamy, M.H. Shahid and A. Saloom, B.-Y. Chen's inequality for bi-warped products and its applications in Kenmotsu manifolds, Mediterranean Journal of Mathematics (2018) 15: 193, pages 15.
45. Siraj Uddin and Ali H. Alkhaldi, *Pointwise slant submanifolds and their warped products in Sasakian manifolds*, Filomat 32 (12) (2018), 4131-4142.
46. M.F. Naghi, I. Mihai, S. Uddin, F.R. Al-Solamy, *Warped product skew CR-submanifolds of Kenmotsu manifolds and their applications*, Filomat 32 (10) (2018), 3505-3528.
47. S.K. Hui, Siraj Uddin and Pradip Mandal, *Submanifolds of generalized (K- μ) space forms*, Periodica Mathematica Hungarica 77 (2018), 329-339.
48. P. Bansal, Siraj Uddin and M.H. Shahid, *Extremities involving B.-Y. Chen's invariants for real hypersurfaces in complex quadric*, International Electronic Journal of Geometry 11 (2) (2018), 32-46.
49. Y. S. Balkan, Siraj Uddin, M.S. Stankovic and A.H. Alkhaldi, *A new class of f-structures satisfying $f^3 - f = 0$* , Filomat 32 (17) (2018), 5919-5929.
50. F.R. Al-Solamy, Monia F. Naghi, Siraj Uddin, *Geometry of warped product pseudo-slant submanifolds of Kenmotsu manifolds*, Quaestiones Mathematicae 42 (2019) , 373-389.
51. F.R. Al-Solamy, Siraj Uddin, *An inequality for warped product submanifolds of a locally product Riemannian manifold*, Hacettepe Journal of mathematics and Statistics 48 (2) (2019), 1-8, Doi:10.15672/HJMS.2018.545.
52. Siraj Uddin, Ali H. Alkhaldi, *Bi-warped product submanifolds of Kenmotsu manifolds and their applications*, International Journal of Geometric Methods in Modern Physics 16 (1) (2019), 13 pages.

53. P. Bansal, Siraj Uddin and M.H. Shahid, On the normal scalar curvature conjecture in Kenmotsu statistical manifolds, *Journal of Geometry and Physics* 142 (2019), 37-46.
54. A. Al-Jedani, Siraj Uddin, A. Alghanemi and I. Mihai, Bi-warped products and applications in locally product Riemannian manifolds, *Journal of Geometry and Physics* (2019), doi.org/10.1016/j.geomphys.2019.06.001
55. Siraj Uddin, A. Mihai, I. Mihai, On warped product bi-slant submanifolds of Kenmotsu manifolds, *Arab Journal of Mathematical Sciences* (2019), 11 pages [10.1016/j.ajmsc.2019.06.001](https://doi.org/10.1016/j.ajmsc.2019.06.001)
56. O. Bahadır, Siraj Uddin, Slant submanifolds of Golden Riemannian manifolds, *Journal of Mathematical Extension* 13 (2019), no.4, 23-39.
57. A. Mustafa, Siraj Uddin, F.R. Al-Solamy, Chen–Ricci inequality for warped products in Kenmotsu space forms and its applications, *Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas* 113 (2019), no. 4, 3585-3602.
58. Siraj Uddin, F.R. Al-Solamy, N. M. Al-Houiti, Generic warped products in locally product Riemannian manifolds, *Journal of Geometry and Physics* 146 (2019), 103515, doi.org/10.1016/j.geomphys.2019.103515.
59. Siraj Uddin and M.F. Naghi, Another inequality for skew CR-warped products in Kenmotsu manifolds, *Filomat* ,33 (2019), no. 15, 4721-4731.
60. M.F. Naghi, Siraj Uddin and M.S. Stankovic, Another general inequality for bi-warped products and its applications, *Comptes rendus de l'Acadé'mie bulgare des Sciences*, 72 (2019), no. 11, 1458-1467.
61. A. Ali, Siraj Uddin, A.H. Alkhalidi, Characterization theorems on warped product semi-slant submanifolds in Kenmotsu manifolds, *Filomat* 33 (2019), no. 13, 4033-4043.
62. Siraj Uddin, B.-Y. Chen, Awatif Al-Jedani, A. Alghanemi, Bi-warped product submanifolds of nearly Kaehler manifolds, *Bulletin of the Malaysian Mathematical Sciences* (2020) 43:1945–1958, doi.org/10.1007/s40840-019-00782-0.
63. Siraj Uddin, L.S. Alqahtani, A.H. Alkhalidi, F.Y. Mofarreh, CR-slant warped product submanifolds in nearly Kaehler manifolds, *International Journal of Geometric Methods in Modern Physics* 17 (2020), no. 1, 12 pages; doi:10.1142/S0219887820500036
64. A. Sharma, Siraj Uddin and S.K. Srivastava, Non-Existence of PR-semi-slant warped product submanifolds in paracosymplectic manifolds, *Arabian Journal of Mathematics* 9 (2020), no. 1, 181-190.
65. Siraj Uddin, A. Mihai, I. Mihai and A. AL-Jedani, Geometry of bi-warped product submanifolds of locally product Riemannian manifolds, [Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas RACSAM](https://doi.org/10.1007/s40840-020-00782-0) (2020) 114: 42.
66. Siraj Uddin, F. Alghamdi, F.R. Al-Solamy, Geometry of warped product pointwise semi-slant submanifolds of locally product Riemannian manifolds, *Journal of Geometry and Physics*, 152 (2020), Art Article 103658
67. B.-Y. Chen, Siraj Uddin, F.R. Al-Solamy, Geometry of pointwise CR-Slant warped products in Kaehler manifolds, *Revista de la Unión Matemática Argentina* 61 (2) (2020), 353-365.
68. Siraj Uddin, M.Z. Ullah, A geometric obstruction for CR-slant warped products in a nearly cosymplectic manifold, *Mathematics* 8 (2020), pp 11, doi: 1622; doi:10.3390/math8091622
69. M.B. Kazemi Balgeshir, Siraj Uddin, S. T. Ahmadsaryi, Ricci and scalar curvatures of hemi-slant submanifolds in 3-Sasakian space forms, *Journal of Mathematical Extension* 13 (2021), no.4, 23-39.
70. I. Mihai, Siraj Uddin and A. Mihai, Warped product pointwise semi-slant submanifolds of Sasakian manifolds, *Kragujevac J. Math.* 45 (5) (2021), 721-738. <https://arxiv.org/abs/1706.04305>
71. Siraj Uddin, M.S. Lone, M.A. Lone, Chen's δ -invariants type inequalities for bi-slant submanifolds in generalized Sasakian space forms, *Journal of Geometry and Physics* 161 (2021), 104040, doi.org/10.1016/j.geomphys.2020.104040

72. A. Mustafa, Siraj Uddin, Chen–Ricci Inequality for CR-Warped Products and Related Open Problems, *Mediterranean Journal of Mathematics* 18 (2), 1-24.
73. M. H. Shahid, Mohd. Aslam, Siraj Uddin, Some geometric obstructions to warped product immersions in locally conformal Kaehler space forms, *International Journal of Geometric Methods in Modern Physics* 18 (11) 2150181 (2021). <https://doi.org/10.1142/S0219887821501814>
74. F. Alghamdi, B.-Y. Chen, Siraj Uddin, Geometry of Pointwise Semi-slant Warped Products in Locally Conformal Kaehler Manifolds, *Results in Mathematics* 76, 204 (2021). <https://doi.org/10.1007/s00025-021-01511-5>
75. M.S. Lone, Siraj Uddin, M.H. Shahid, Biharmonic submanifolds in metallic Riemannian manifolds, *International Journal of Geometric Methods in Modern Physics* 18, No. 14, 2150220 (2021)
76. P. Bansal, Siraj Uddin, M.H. Shahid, Optimal Inequalities for Submanifolds in Statistical Manifolds of Quasi Constant Curvature, *Filomat* 35:10 (2021), 3319-3330.
77. Siraj Uddin, A. Althali, N. Al-Luhaibi, A general inequality for pointwise semi-slant warped products in nearly Kenmotsu manifolds, *Filomat*, 36 (1) (2022), 221-229.
78. B.-Y. Chen, Siraj Uddin, A. Algahmami, Awatif Aljedani, Ion, Mihai, Geometry of bi-warped product submanifolds in Sasakian and cosymplectic manifolds, *Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas* 116, 82 (2022). <https://doi.org/10.1007/s13398-022-01225-5>
79. Siraj Uddin, M.S. Stankovic, M. Iqbal, S.K. Yadav, M. Aslam, Slant helices in Minkowski 3-space E^3_1 with Sasai's modified frame fields, *Filomat* 36 (1) (2022), 151-164
80. L Nourmohammadifar, E Peyghan, Siraj Uddin, Geometry of Almost Kenmotsu Hom-Lie Algebras, *Quaestiones Mathematicae*, 45 (2022) Published online: 17 Feb 2021. 1-22.
81. S. Dey, Siraj Uddin, Conformal -Ricci almost solitons of Kenmotsu manifolds, , *International Journal of Geometric Methods in Modern Physics*, Art. 2250121 (2022).
82. Siraj Uddin, F.R. Al-Solamy, F. Alghamdi, R. Al-Ghefri, Geometry of contact skew CR-warped product submanifolds of Sasakian manifolds, *Filomat* 36 (18) (2022), 6159-6171.
83. Mohd Aquib, Siraj Uddin, M Hasan Shahid, Ricci curvature for pointwise semi-slant warped products in non-Sasakian generalized Sasakian space forms and its applications, *Hacettepe Journal of Mathematics and Statistics* 51 (6) (2022), 1535-1549.
84. M. Aquib, A. Mihai, I. Mihai, Siraj Uddin, New obstructions to warped product immersions in complex space forms, *Symmetry* 14 (8) (2022), 1747. <https://doi.org/10.3390/sym14081747>
85. E Peyghan, L Nourmohammadifar, Siraj Uddin, Musical Isomorphisms and Statistical Manifolds, *Mediterranean Journal of Mathematics* 19 (5) (2022), 225
86. A.N. Siddiqui, Siraj Uddin, M.H. Shahid, B.-Y. Chen's Inequality for Kähler-like Statistical Submersions, *International Electronic Journal of Geometry* 15 (2) (2022), 277-286
87. Siraj Uddin, L.S. Alqahtani, A. Mustafa, Chen's first inequality for hemi-slant warped products in nearly trans-Sasakian manifolds, *Mathematica Slovaca* 72 (5) (2022), 1273-1286.
88. M.A. Choudhary, Siraj Uddin, Some basic inequalities on golden Riemannian product manifolds with constant curvatures, *Filomat* 37 (4) (2023), 1155-1166.
89. S. Dey, Siraj Uddin, Characterization of almost*-conformal η -Ricci soliton on para-Kenmotsu manifolds, *Filomat* 37 (11) (2023), 3601-3614.
90. M.A. Choudhary, Siraj Uddin, On some inequalities for metallic Riemannian space forms, *Filomat* 37 (16) (2023), 5443-5454.

91. M.A. Choudhary, M.D. Siddiqi, O. Bahadır, Siraj Uddin, Hypersurfaces of metallic Riemannian manifolds as k -almost Newton-Ricci solitons, *Filomat* 37 (7) (2023), 2187-2197.
92. S. Dey, Siraj Uddin, Applications of some types of solitons within the framework of Kählerian spacetime manifolds, *International Journal of Geometric Methods in Modern Physics*, (2023) Art. 2350143.
93. Siraj Uddin, M.A. Choudhary, N.M. Al-Asmari, An Optimal Inequality for the Normal Scalar Curvature in Metallic Riemannian Space Forms, *Mathematics* 11 (10) (2023), 2252, <https://doi.org/10.3390/math11102252>
94. Siraj Uddin, B.-Y. Chen, R. Bossly, Geometry of CR-Slant Warped Products in Nearly Kaehler Manifolds, *Mathematics* 11 (12) (2023), 2600, <https://doi.org/10.3390/math11122600>
95. Siraj Uddin, E. Peyghan, L. Nourmohammadifar, R. Bossly, On Nearly Sasakian and Nearly Kähler Statistical Manifolds, *Mathematics* 11 (12) (2023), 2644, <https://doi.org/10.3390/math11122644>

❖ **ARTICLE IN ACADEMIC JOURNALS (SCOPUS AND INTERNATIONAL JOURNALS):**

1. V.A. Khan, M.A. Khan and Siraj Uddin, *Totally umbilical semi-invariant submanifolds of a nearly trans-Sasakian manifold*, *Portugaliae Mathematica* 14(2007), 67-74.
2. K.A. Khan, V.A. Khan and Siraj Uddin, *Warped product contact CR-submanifolds of trans-Sasakian manifolds*, *Filomat* 21(2007), 55-62.
3. V.A. Khan, K.A. Khan and Siraj Uddin, *Warped product CR- submanifolds in nearly Kaehler manifolds*, *SUT J. Math.* 43(2007), 201-213.
4. V.A. Khan, M.A. Khan and Siraj Uddin, *Totally umbilical semi-invariant submanifold of a nearly Kenmotsu manifold*, *Soochow J. Math.* 33(2007), 563-568.
5. V.A. Khan, K.A. Khan and Siraj Uddin, *Contact CR-warped product submanifolds of Kenmotsu manifolds*, *Thai J. Math.* 6(2008), 139-145.
6. K.A. Khan, Siraj Uddin and Nargis Jamal, *Totally umbilical semi-invariant submanifold of a nearly Sasakian manifold*, *Math. Moravica* 12(2008), 19-24.
7. V.A. Khan, K.A. Khan and Siraj Uddin, *CR-warped product submanifolds in a Kaehler manifold*, *South. Asian Bull. Math.* vol.33 (2009), 865-874.
8. Siraj Uddin, *CR-warped product submanifolds of Lorentzian manifolds*, *Mathematica Moravica* 14 (2010), 129-136.
9. Siraj Uddin, *On doubly warped and doubly twisted product submanifolds*, *Int. Electron. J. Geom.* vol. 3 (1)(2010), 35-39.
10. Siraj Uddin and Khalid Ali Khan, *Warped product semi- slant submanifolds of trans-Sasakian manifolds*, *Diff. Geom Dynamical Systems*, 12 (2010) 260-270.
11. M.A. Khan, Siraj Uddin and Khushwant Singh, *Totally umbilical pseudo-slant submanifolds of a nearly cosymplectic manifold*, *Serdica Math. J.*, 36 (2) (2010), 137-148.
12. Siraj Uddin, *Warped product CR-submanifolds in lorentzian para Sasakian manifolds*, *Serdica Math. J.* 36 (2010), 237-246.
13. Siraj Uddin, V.A. Khan, H.H. Khan, Some results on warped product submanifolds of a Sasakian manifold, *International Journal of mathematics and Mathematical Sciences*, Article ID 743074, 9 pages doi:10.1155/2010/743074
14. Khushwant Singh, Siraj Uddin and Meraj Ali Khan, *A note on totally umbilical proper slant submanifolds of a Lorentzian B-Kenmotsu manifold*, *Annals of the University of Craiova, Mathematics and Computer Science Series* Volume 38(1), 2011, Pages 49-53.
15. M.A. Khan, Siraj Uddin, Khushwant Singh, *A classification on totally umbilical proper*

- slant and hemi-slant submanifolds of a nearly trans- Sasakian manifold*, Differential Geometry- Dynamical Systems, 13 (2011), 117-127.
16. Siraj Uddin and Khalid Ali Khan, *Warped product CR-submanifolds of cosymplectic manifolds*, Ricerche Mat. 60 (2011), 143-149. DOI 10.1007/s11587-010-0099-0.
 17. Siraj Uddin, Cenap Ozel, M.A. Khan and Kushwant Singh, *Some classification results on totally umbilical proper slant and hemi-slant submanifolds of a nearly Kenmotsu manifold*, International Journal of Physical Sciences 5538-5544, 23 October, 2012.
 18. Khushwant Singh, Siraj Uddin, Cenap Ozel and Meraj Ali Khan, *A class of totally umbilical slant submanifolds of Lorentzian para-Sasakian manifolds*, International Journal of Physical Sciences, 7(10), 2012, 1526-1529 DOI: 10.5897/IJPS11.868.
 19. Siraj Uddin, M.A. Khan and Khushwant Singh, *A note on totally umbilical Pseudo slant submanifolds of a nearly Kaehler manifold*, Acta Universitatis Apulensis, 29 (2012), 279-285.
 20. Khushwant Singh, Siraj Uddin, S.S. Bhatia and M.A. Khan, *Slant submanifolds of Lorentzian contact manifolds*, Annals of the University of Craiova, Mathematics and Computer Science Series 39 (2) 2012.
 21. A. Mustafa, Avik De, Siraj Uddin, *Characterizations of warped product submanifolds of Kenmotsu manifolds*, Balkan Journal of Geometry and its Applications, 20 (1) (2015), 86-97.
 22. Siraj Uddin and F. R. Al-Solamy, *Warped product pseudo-slant submanifolds of cosymplectic manifolds*, An. Stiint. Univ. Al. I. Cuza Iasi Mat (N.S.) Tome LXIII (2016), f2 vol. 3, 901-913.
 23. Siraj Uddin, Akram Ali, Najwa M. Al-Asmari and Wan Ainun Othman, *Warped product pseudo-slant submanifolds in a locally product Riemannian manifold*, Differential Geometry and Dynamical Systems Vol.18, (2016), pp. 147-158.
 24. Siraj Uddin, F. R. Al-Solamy and K. A. Khan, *Geometry of warped product pseudo-slant submanifolds of nearly Kaehler manifolds*, An. Stiint. Univ. Al. I. Cuza Iasi Sect. I a Mat. (N.S.), 62 (2016), no. 3, 223-234.
 25. Shyamal Kumar Hui, Siraj Uddin and D. Chakraborty, *Infinitesimal CL-transformations on (LCS)n-manifolds*, Palestine Journal of Mathematics, 6(1), (2017), 1-6.
 26. Shyamal Kumar Hui, Siraj Uddin, D. Chakraborty, *Generalized Sasakian-space-forms whose metric is η -Ricci almost soliton*, Differential Geometry and Dynamical System, 19 (2017), 1-11.
 27. M. B. Kazemi Balgeshir and S. Uddin, *Pointwise hemi-slant submanifolds of almost contact metric 3-structures*, Balkan Journal of Geometry and its Applications 23 (1) (2018), 58-64.
 28. L.I. Pişcoran, L. N. Mishra, Siraj Uddin, *A new class of Finsler-metrics and its geometry*, Differential Geometry--Dynamical Systems 21 (2019), 123-149.

❖ CHAPTERS IN A BOOK:

1. B.-Y. Chen, Siraj Uddin, *Slant geometry of warped products in Kaehler and nearly Kaehler manifolds*, Complex Geometry of Slant Submanifolds, Springer Nature (2022), 61-100.
2. Siraj Uddin, *Slant submanifolds and their warped products in locally product Riemannian manifolds*, Complex Geometry of Slant Submanifolds, Springer Nature (2022), 203-250

❖ **ATTENDED CONFERENCE/PRESENTATIONS/TALKS:**

1. International Conference on Analysis and Its Applications, Department of Mathematics, Aligarh Muslim University, Aligarh, **India** Nov. 3-5, 2008 (Paper Presentation)
2. Seminar in Mathematical Sciences, University of Malaya, Kuala Lumpur, **Malaysia**, Oct 30-Nov 1, 2009. (Paper Presentation)
3. Differential Geometry and Applications, Masaryk University, Brno, **Czech Republic**, Aug 27-30, 2010 (Paper Presentation)
4. World Statistics Day 2010, University of Malaya, Kuala Lumpur, **Malaysia**, Oct 2010, (event organizer)
5. Workshop on strengthening staff 2010, University of Malaya, Kuala Lumpur, **Malaysia**, Nov 13-14, 2010, (Paper Presentation)
6. International Conference on Mathematical Sciences ICMS 2010, Abant Izzet Baysal University, Bolu, **Turkey**, Nov 23-27, 2010, (Paper Presenter, Session Chair)
7. International Conference on Mathematical Analysis 2010, Chulalongkorn University, Bangkok, **Thailand**, Dec07-09, 2010 (Paper Presenter)
8. Asian Technology Conference in Mathematics, ATCM 2010, University of Malaya, Kuala Lumpur, **Malaysia**, Dec17-21, 2010, (Paper Presenter)
9. The 4th International conference on Science and Mathematics Education in Developing Countries 2011, Department of Scientific research Ministry of Education, Phnom Penh, **Cambodia** Feb 23-25, 2011 (Paper Presenter, Session Chair)
10. Faculty Seminar, Abant Izzet Baysal University, Bolu, **Turkey** June 15, 2011 (Invited Speaker)
11. Faculty Seminar, Abant Izzet Baysal University, Bolu, **Turkey** June 20, 2011 (Invited Speaker)
12. International Conference on Mathematics and Computational Science ICMCS 2011, World Academy of Science, Engineering and Technology, Paris **France**, June24-26, 2011 (Paper Presentation, Session Chair)
13. International Conference on Applied Analysis and Algebra, Yildiz, Technical University, Istanbul, **Turkey** June 29-July02, 2011 (Paper Presenter, Session Chair)
14. Seminar in Mathematical Sciences, University of Malaya, Kuala Lumpur, **Malaysia**, July 22-24, 2011. (Paper Presentation)
15. International Conference in Mathematics and Applications, Vietnam National University, Ho Chi Minh City, **Vietnam**, Dec 20-22, 2011 (Paper Presenter, Session Chair)
16. 5th International Conference on Science and Mathematics Education in Developing Countries, Zaman University, Phnom Penh, **Cambodia**, March 01-03, 2012 (Paper Presenter)
17. 5th Saudi Science Conference, Ummul Qura University, Makkah, **Saudi Arabia**, April 16-18, 2012 (Paper Presenter)
18. University of Malaya Researchers' Conference (UMRC, 2012), University of Malaya, **Malaysia**, April 23-24, 2013. (Participation)
19. Institutional Perspective on Evidence-Based Research Evaluation, Thomson Reuters, University of Malaya and Thomson Reuters, **Malaysia**, July 05-06, 2012.
20. Seminar in Mathematical Sciences, University of Malaya, Kuala Lumpur, **Malaysia**, July 06-08, 2012. (Paper Presentation)
21. Karcher Colloquium, Department of Mathematics, University of Oklahoma, Oklahoma, **United States of America**, Aug 30, 2012 (Invited Speaker)
22. Karcher Colloquium, Department of Mathematics, University of Oklahoma, Oklahoma, **United States of America**, Sept. 04, 2012 (Invited Speaker)
23. Karcher Colloquium, Department of Mathematics, University of Oklahoma, Oklahoma, **United States of America**, Sept. 05, 2012 (Invited Speaker)
24. Karcher Colloquium, Department of Mathematics, University of Oklahoma, Oklahoma, **United States of America**, Sept. 08, 2012 (Invited Speaker)
25. SciTech 13, Bina Nusantara, University, **Indonesia**, Jan 24-25, 2013 (Invited Speaker)

26. Bengkel and Seminar ISM 2013, University of Malaya, Kuala Lumpur, **Malaysia**, Oct 25-27, 2013 (Chair session, Participate)
27. University Malaya Research Conference UMRC 2013, University of Malaya, Kuala Lumpur, **Malaysia**, Nov 19-20, 2013, (Participant)
28. XIII Serbian Mathematical Congress, Nis University, **Serbia**, May 22-25, 2014 (Participant)
29. Conference XVIII Geometrical Seminar, Serbia, Nis University, **Serbia**, May 25-28, 2014, (Paper Presenter)
30. Faculty Seminar, Abant Azzet Baysal University, Bolu, **Turkey**, May 30, 2014 (Invited Talk)
31. The Conference "Pure and Applied Differential Geometry - PADGE 2017, Leuven, **Belgium**, August 21-25, 2017 (Contributed talk)
32. The first International Conference of Mathematics and its Applications, King Khalid University, Abha, **Saudi Arabia**, March 26-27, 2018 (contributed talk).
33. WAMS Summer School, Simpa and King Khalid University, Abha, **Saudi Arabia**, June 16-22, 2019 (Invited talk).
34. Riemannian Geometry and Applications – RIGA 2021 Romania, (January 15-17, 2021) Online, (Participated)
35. International Symposium on Differential Geometry and Its Applications (ISDGA-2022), Maulana Azad National Urdu University, Hyderabad, India March 30-31, 2022 Online (Invited Talk).

❖ **FOREIGN VISITS:**

Malaysia (2009) (job purpose),
 United States of America (20120 (Research Visit),
 Turkey (2010), 2011, 2014) (4 times, Research visit, conference and invited talks)
 Czech Republic (2010) (Conference)
 Cambodia (2011, 2012) (2 times, conference)
 France (2011) (conference)
 Thailand (2010) (conference)
 Vietnam (2011)(conference)
 Indonesia (2013) (conference)
 Saudi Arabia (2012, 2014-till date)(Conference, Job)
 Serbia (2014) (conference)
 Belgium (2017) (Conference)

❖ **RESEARCH VISITS:**

1. Abant Izzet baysal University, Bolu, **Turkey**, 1-Month Research, June 8-July 03, 20110
2. University of Oklahoma, Oklahoma, **USA** 1-Month Research Visit, August 2012

❖ **CONTRIBUTION TO THE SOCIETIES:**

(a) **Member of Societies:**

1. Life member, Mathematical Review, AMS, USA
2. Life member, Cambodian Mathematical Society
3. Life member, Southeast Asian Mathematical Society

(b) Editor of the scientific journals:

1. Facta Universitatis-series Mathematics and Informatics
2. Journal of Mathematical Analysis
3. Ilirias Journal of Mathematics
4. Palestine Journal of Mathematics
5. Applied Mathematics and Computer Science
6. Turkish Journal of Analysis and Number Theory
7. Journal of Abstract and Computational Mathematics
8. Global Journal of Advanced Research on Classical and Modern Geometry
9. Communication in Mathematical Modeling and Applications

(c) Reviewer for Scientific journals:

Review more than 250 articles from the SCI Journals such as: Journal of Geometry and Physics, Filomat, Mediterranean J. Math., Collect. Math., Ricerche di Matematica, Turk. J. Math., Hacettepe Journal of Mathematics and Statistics, Balkan Journal of Geometry and its Applications, Mathematics, Cubo J. Math., Differential Geometry-Dynamical System, Journal of Geometry, Journal of inequalities and its Application, Palestine Journal of Mathematics, Facta Universitatis-series Mathematics and Informatics, Journal of Mathematical Analysis, An. Stiint. Univ. Al. I. Cuza Iasi Mat (N.S.), Publications de l'Institut Mathématique, Abstract and Applied Analysis, Italian J. Pure. Appl. Math, Journal of Geometric Methods in Modern Physics, Bull. Iran Math Soc. etc.

❖ **AWARD AND ADMINISTRATIVE DUTIES:**

1. Junior Research Fellowship, Council of Scientific Research, New Delhi, India 2004-2006
2. Senior Research Fellowship, Council of Scientific Research, New Delhi, India 2006-2008
3. **Best paper presenter award** in ICMS 2010, Abant Izzet Baysal University, Turkey
4. **Member JKIT, Seminar Committee**, Institute of Mathematical Sciences, University of Malaya, 2012-2014
5. **Coordinator**, Advanced Calculus (Math 207), King Abdulaziz University, Jeddah 2014- 2019.
6. Helping to organize the departmental seminar in Department of Mathematics, King Abdulaziz University, 2014-2016.

❖ **COURSE TAUGHT:**

- (a) Undergraduate Level:** Coordinate Geometry, Calculus, Numerical Analysis, Linear Algebra, Geometry, Differential Geometry, Advanced Calculus.
- (b) Post Graduate Level:** Differentiable Manifolds, Riemannian geometry, Structure on manifolds, Warped products, Geometry of CR and slant submanifolds, Warped product CR-submanifolds.

❖ **REFERENCES:**

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