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DR. SHAMSUR RAHMAN | ASSISTANT PROFESSOR

CURRENT DESIGNATION/ INVOLVEMENT Currently working as **Principal I/c** in MANUU ITI Darbhanga and **Assistant Professor** in MANUU Satellite Campus Darbhanga, School of Technology, Maulana Azad National Urdu University (Central University), Hyderabad, Telangana, India.

AREA OF SPECIALIZATION Differential Geometry and Mathematical Modelling.

ONGOING ACADEMIC RESEARCH/PROJECTS Presently engaged in research work on Some Geometrical Aspects of warped products and their applications,

INNOVATION WITH FIELD OF STUDY AND COLLABORATIVE EFFORTS Hypersurfaces, Submanifolds, CR-submanifolds, Semi-invariant submanifolds Sasakian manifold, quasi Sasakian manifold and Connections and Mathematical Modelling

ACADEMIC AND ADMINISTRATIVE EXPERIENCE

- I/c Principal of MANUU, Polytechnic Darbhanga
- I/C PRINCIPAL, MANUU, ITI DARBHANGA
- Venue Coordinator of MANUU, Polytechnic Ekmighat Darbhanga (20/04/2011 to 28/02/12).
- Backup Venue Coordinator of MANUU Polytechnic Ekmighat Darbhanga (21/12/12 to 30/12/13).
- Convener of Moderation cum Evaluation Committee at MANUU, Polytechnic Darbhanga (2018-19).
- Deputy Centre superintendent for the B. Ed, M. Tech, Ph.D. (Arabic, Eng, Persian, Urdu) Entrance Test Examination 2018
- Deputy Centre superintendent for the MANUU, Entrance Test Examination 2019
- **PATROLLING MAGISTRATE** of BIHAR PANCHAYAT GENERAL ELECTION - 2021
- **PATROLLING MAGISTRATE** of BIHAR PANCHAYAT GENERAL ELECTION - 2021

EDUCATIONAL QUALIFICATION **DOCTOR OF PHILOSOPHY (Ph.D.), 2006**
Department of Mathematics, V.B.S. PURVANCHAL UNIVERSITY JAUNPUR
M.Sc (Mathematics) M.Sc (Statistics)

TEACHING PROFICIENCY Engineering Mathematics-I, Engineering Mathematics-II, Engineering Mathematics III, Computer Based Numerical And Statistical Technique, General Mathematics, Abstract Algebra-I, Differential Equation, Analytical Geometry, Foundation of Statistics,

RESEARCH PUBLICATION
DETAILS

Research Publications:

1. Mathematical Modelling of life-conditions of people of a Particular area, through Ordinary Differential Equations. *Journal of Purvanchal Academy of Sciences*, Vol. 8, (2002) pp. 205-211, ISSN 0972-3498.
2. Population Dynamics for Patients of a Particular area. *Journal of Purvanchal Academy of Sciences*, Vol.11, (2005) pp.60-65, ISSN 0972-3498.
3. Estimation of Fertility in Urban Muslims. *Aryabhata Research Journal of Physical Sciences*. Vol. 8, (2005) pp. 21-26, ISSN 0972- 2432.
4. Estimation of Mortality in Urban Muslims. *Aryabhata Research Journal of Physical Sciences*. Vol. 9, (2006) pp. 1-2, ISSN 0972- 2432.
5. Population dynamics for AIDS Patients of INDIA. *Aryabhata Research Journal of Physical Sciences*. Vol. 10, (2007) pp.87-91, ISSN 0972- 2432.
6. Semi-invariant submanifolds of a nearly Sasakian manifold endowed with a semi symmetric metric connection, *Bulletin of the Allahabad Mathematical Society*, vol. 25 (1), 2010, 23-33, ISSN 0971-0493.
7. Population Dynamics for AIDS Patients of a particular area. *Selcuk Journal of Applied Mathematics* Vol. 11. No. 2. (2010) pp. 3-11, ISSN 1302- 7980, MR2724574.
8. On almost r-parcontact Riemannian manifold with certain connection, *Communications of the Korean Mathematical Society* 25 (2010), no. 2, pp. 235-243. ISSN: 1225-1763, IF 0.157 Zbl 1210.53021 , doi : 10.4134/CKMS.2010.25.2.235 MR2662972 (2011f:53042)
9. Submanifolds of an almost r-paracontact Riemannian manifold endowed with quarter symmetric semi-metric connection. *Bulletin of Calcutta Mathematical society* Vol. 102, No. 5 (2010) pp. 397-410, ISSN: 0008-0659.
10. Geometry of Hypersurfaces of a Semi Symmetric Semi Metric Connection in a Quasi-Sasakian Manifold. *Journal of Purvanchal Academy of Sciences*, Vol. 17 (2011) pp. 231-242, ISSN 0972-3498.
11. On The Geometry of Hypersurfaces of a Certain Connection in a Quasi-Sasakian Manifold, *International Journal Mathematical Combinatorics* Vol.3 (2011), pp. 23-33, ISSN 1937 – 1055
12. Some Properties of Hyperbolic contact Manifold in a Quasi Sasakian Manifold, *Turkic World Mathematical Society Journal of Applied and Engineering Mathematics* Vol. 1 No. 1, (2011), pp. 41-48, ISSN 2146-1147
13. Transversal Hypersurfaces of Almost Hyperbolic contact manifolds endowed with semi symmetric metric connection. *World Applied Programming journal*, Vol. 2 No. 3, (2012) pp. 195-201, ISSN: 2222-2510.
14. Transversal Hypersurfaces of Almost Hyperbolic contact manifolds endowed with semi symmetric non metric connection, *Turkic World Mathematical Society Journal of Pure and Applied Mathematics* Vol. 3 No. 2 (2012), pp.210-219, ISSN 2076- 2585.
15. Results on Central Limit Theorems for Empirical Process *World Applied Programming Journal*, Vol. 2 No.10, (2012) pp. 444-456 ISSN: 2222-2510.
16. Transversal Hypersurfaces of Almost Hyperbolic contact manifolds endowed with canonical semi symmetric semi metric connection, *Journal of Qafqaz University* Vol. 34, No. 2 (2012) pp. 25-33 ISSN 1302-6763.
17. Transversal Hypersurfaces of Almost Hyperbolic contact manifolds with a quarter symmetric non metric connection, *Turkic World Mathematical Society*

- Journal of Applied and Engineering Mathematics* Vol. 3 No. 1 (2013), pp. 108-116 ISSN 2146-1147.
18. Study on Probability Measure for Empirical Process. *Journal of Purvanchal Academy of Sciences* Vol. 19 (2013) pp.109-116, ISSN: 0972-3498.
 19. Transversal Hypersurfaces of a Lorentzian Para-Sasakian Manifold with a Semi-Symmetric Metric Connection *Journal of Qafqaz University- Mathematics and Computer Science* Vol. 1 No. 2 (2013) pp. 137-144, ISSN: 1302-6763.
 20. Geometry of Hypersurfaces of a semi symmetric metric connection in a quasi-Sasakian manifold, *Journal-Proceedings of the Institute of Applied Mathematics*, Vol.3 No.2 (2014), pp.152-164, ISSN 2225-0530.
 21. Characterization of Quarter Symmetric Non-Metric Connection on Transversal Hypersurfaces of Lorentzian para-Sasakian Manifolds. *Journal of Tensor Society* Vol. 8 (2014), pp.65-75, ISSN: 0974-5428.
 22. A Note on Transversal hypersurfaces of Lorentzian para-Sasakian manifolds with a Semi-Symmetric Non-Metric Connection. *Journal of Tensor Society* Vol. 8 (2014), pp.53-63, ISSN: 0974-5428.
 23. On semi-invariant submanifolds of a nearly Lorentzian para-Sasakian manifold. *Far East Journal of Mathematical Sciences*, Vol. 96 No. 6 (2015) pp. 709-724, ISSN 0972-0871. DOI: 10.17654/FJMSMar2015_709_724.
 24. Characterization of quarter symmetric semi metric connection on transversal hypersurfaces of Lorentzian para Sasakian manifolds. *Journal of Qafqaz University- Mathematics and Computer Science* Vol. 3 No.1 (2015) pp.09-17, ISSN: 1302-6763.
 25. On semi-invariant submanifolds of a nearly trans-hyperbolic Sasakian manifold, *Malaya Journal of Matematik* Vol. 3 No.3 (2015) pp. 303–311, ISSN: 2319-3786 <https://www.malayajournal.org/index.php/mjm/issue/archive>
 26. Geometry of hypersurfaces of a quarter symmetric non metric connection in a quasi-Sasakian manifold. *Carpathian Mathematical Publications* Vol. 7(2) (2015) pp. 226-235 ISSN: 2075-9827 doi:10.15330/cmp.7.2.226-235.
 27. Characterization of canonical semi symmetric semi-metric connection on transversal hypersurfaces of Lorentzian para Sasakian manifolds, *International Journal of Emerging Technology and Advanced Engineering*, Vol. 6, No. 10, (2016), pp.153-159, ISSN: 2250-2459.
 28. CR submanifold of a nearly trans hyperbolic Sasakian manifold with a semi symmetric metric connection, *Journal of Qafqaz University- Mathematics and Computer Science*, Vol. 4 No.1 (2016) pp.131-139, ISSN: 1302-6763 UOT 02.29.27.
 29. CR submanifolds of a nearly (ϵ, δ) trans-Sasakian Manifold, *Proceedings of the Jangjeon Mathematical Society*, Vol. 19 No. 4 (2016) pp. 717-727 ISSN: 1598-7264
 30. CR- submanifolds of a nearly trans-hyperbolic Sasakian manifold with a quarter symmetric semi metric connection, *Jurnal Matematika*, Vol. 6 No. 2, (2016) pp. 68-78, ISSN: 1693-1394. <https://ojs.unud.ac.id/index.php/jmat/issue/view/2366>
 31. On the geometry of slant and pseudo-slant submanifolds in a quasi Sasakian manifolds, *J. Modern Technology & Engineering* Vol. 2, No.1, 2017, pp.82-89, ISSN 2519-4836, <http://jomardpublishing.com/UploadFiles/Files/journals/JTME/V2N1/RahmanSh.pdf>
 32. Contact conformal connection on a geometry of hypersurfaces with certain connection in a quasi-Sasakian manifold, *Bulletin of the Transilvania University of Brasov Series III: Mathematics, Informatics, Physics*, Vol 10 (59), No. 1,

- 2017 pp.135-148, ISSN 2065-2151 (Print), ISSN 2065-216X (CD-ROM), <http://webbut.unitbv.ro/BU2017/Series%20III/2017/BULETIN%20I%20PDF/12.%20Rahman.pdf>
33. Contact CR-warped product submanifolds of nearly Lorentzian para-Sasakian manifold, *Turkish Journal of Mathematics & Computer Science*, Vol 7 (2017) pp.40-47, ISSN 2148-1830, <https://dergipark.org.tr/en/pub/tjmcs/issue/31829>
 34. CR-submanifolds of a nearly δ -Lorentzian trans Sasakian manifold. *Turkic World Mathematical Society Journal of Applied and Engineering Mathematics* Vol. 8 No. 1 (2018), pp. 51-60 ISSN 2146-1147.
 35. CR-submanifolds of a nearly Lorentzian Para-Sasakian manifold. *Far East Journal of Mathematical Sciences* (FJMS), Vol. 103 No. 3 (2018) pp. 587-602, ISSN 0972-0871
<http://dx.doi.org/10.17654/MS103030587>.
 36. Warped Product Semi Slant Submanifolds of Nearly Quasi Sasakian Manifold. *Boson Journal of Modern Physics (BJMP)* Vol. 5 No. 1 (2019) pp.443-453, ISSN: 2454-8413, <http://scitecresearch.com/journals/index.php/bjmp/issue/view/187>
 37. Contact CR-warped product submanifolds of nearly Quasi-Sasakian manifold, *Konuralp Journal of Mathematics*, Vol. 7 No. 1 (2019) pp.140-145, e-ISSN: 2147-625X. <https://dergipark.org.tr/en/pub/konuralpjournalmath/issue/31492>
 38. CR-submanifolds of a nearly trans-hyperbolic Sasakian manifold with a quarter symmetric metric connection *Journal-Proceedings of the Institute of Applied Mathematics*, Vol.8 No.1 (2019), pp.24-34, ISSN 2225-0530.
 39. On pseudo-slant submanifolds of a nearly (ϵ, δ) trans-Sasakian Manifold, *Communications of the Korean Mathematical Society* 34 (2019), no. 3, pp. 935-949. pISSN: 1225-1763/ eISSN: 2234-3024, doi.org/10.4134/CKMS.c180337
<https://pdf.medrang.co.kr/kms01/CKMS/34/CKMS-34-3-935-949.pdf>
 40. On pseudo-slant submanifolds of nearly quasi Sasakian manifolds, *Mathematical Physics and Computer Simulation: Volgograd* Vol. 22 No 4 (2019), pp 39-52. ISSN 2222-8896, ISSN (print): 2587-6325, ISSN (online): 2587-6902 DOI:10.15688/mpcm.jvolsu.2019.4.3, Volgograd State University
<https://mp.jvolsu.com/index.php/ru/component/attachments/download/894>
 41. Generalized ricci solitons on (ϵ, δ) -trans Sasakian manifold, *Bulletin of the International mathematical virtual institute*, Vol. 10 No.2 (2020), pp.291-303, ISSN (p) 2303-4874, ISSN (o) 2303-4955, DOI: 10.7251/BIMVI2002291R/international Mathematical Virtual Institute.
http://www.imvibl.org/buletin/bulletin_imvi_10_2_2020/bulletin_imvi_10_2_2020_291_303.pdf
 42. On warped product semi invariant submanifolds of nearly (ϵ, δ) -trans Sasakian manifold *Bulletin of the Transilvania University of Brasov Series III: Mathematics, Informatics, Physics*, Vol 13 (62), No. 1, 2020 pp.247-260, ISSN 2065-2151 (Print), ISSN 2065-216X (CD-ROM), <https://doi.org/10.31926/but.mif.2020.13.62.1.19> Romania 31/07/2020 SCOPUS <https://www.scopus.com/sources.uri>
 43. Some results on the geometry of warped product CR-submanifolds in quasi-Sasakian manifold, *CUBO, A Mathematical Journal*, Vol. 24, no. 01, pp. 105–114, April 2022. ISSN 0716-7776 (print version) - ISSN 0719-0646 (online version) <http://dx.doi.org/10.4067/S0719-06462022000100105> SCOPUS <https://www.scopus.com/sources.uri>
 44. Geometry of warped product pseudo slant submanifolds in a nearly quasi Sasakian manifold, *Italian Journal Pure and Applied Mathematics*, Vol. 48,

45. Geometry of warped product CR and semi slant submanifolds in a quasi para Sasakian manifolds, *International Journal of Analysis and Applications*, Vol. 20, 2022 pp. 1 -11(59) ISSN: 2291-8639 <https://doi.org/10.28924/2291-8639-20-2022-59>, SCOPUS <https://www.scopus.com/sources.uri>
46. Geometry of warped product pseudo slant submanifolds in a nearly Lorentzian para Sasakian manifold, *Journal of Hyperstructures*, Vol. 11 No.2, 2022, pp. 315-328 ISSN: 2322-1666 print/2251-8436.

DETAILS OF
 CONFERENCE/SEMINAR
 /WORKSHOP/ FDP
 (ATTENDED/PRESENTED
)

Conferences Attended / Paper presented:

1. 14th Annual Conference of Purvanchal Academy of Sciences Organized by T.D. Post Graduate College, Jaunpur on 19, 20 February 2005.
Paper: Mathematical Model of Population Dynamics for Patients of a Particular area.
2. Conference on Mathematics-2006 Organized by Bharat Ganita Parishad and Dept. of Mathematics and Astronomy, Lucknow University, Lucknow on November 18-19, 2006.
Paper: Mathematical Model of Population Dynamics for AIDS Patients of INDIA.
3. Conference on the Tensor Society on Application of Tensor and Differential Geometry, held on July 5-6, 2008 at the SRMCEM, Lucknow.
Paper: Hypersurfaces of almost r-paracontact Riemannian manifold with quarter symmetric semi-metric connection.
4. *International Conference* on Analysis and its Application Organized by Dept. of Mathematics, Aligarh Muslim University, Aligarh, on 03-05 November 2008.
Paper: Some Properties of Quarter Symmetric Semi metric connection.
5. Conference on Mathematics-2008 held on December 22-23, 2008 at the Dept. of Mathematics and Astronomy, Lucknow University, Lucknow.
Paper: Some Properties of Submanifolds of an almost r-paracontact Riemannian manifold endowed with a quarter symmetric semi-metric connection
6. National Symposium on Modern Trends in Differential Geometry and Mathematical Modelling in Bio-Sciences held on December 24-25, 2008 at the Dept. of Mathematics and Astronomy, Lucknow University, Lucknow.
Paper: Mathematical Model Population Dynamics for AIDS Patients of a particular area
7. 5th international symposium on 'Optimization and Statistics' Organized by Dept. of Statistics & Operation Research, Aligarh Muslim University, Aligarh, on 28-29 December 2002
8. 19th Annual Conference of Purvanchal Academy of Sciences Organized by T.D. Post Graduate College, Jaunpur on 20, 21 February 2010.
Paper: Some Properties of a semi symmetric semi metric connection in a Riemannian manifold.
9. National conference on Current Concepts and Frontier Advances in Science Educational Research Organized by T.D. Post Graduate College, Jaunpur on 05, 06 March 2011.
Paper: Some Properties of Hypersurfaces of a Semi Symmetric Semi Metric Connection in a Quasi-Sasakian Manifold.
10. *International Conference* on Frontiers in Applied Mathematics and its Computational Aspects Organized by the Department of Applied Mathematics University of Calcutta on 15, 17 March 2011.
Paper: On Geometry of Hypersurfaces of a Quarter Symmetric Semi Metric Connection in a Quasi-Sasakian Manifold.
11. II National Conference on Statistical Inference, Sampling Techniques and Related

- Areas Organized by Dept. of Statistics & Operation Research, Aligarh Muslim University, Aligarh, on February 11-12, 2012
Paper: Probability measure on empirical process.
12. UGC Sponsored National Seminar on Human Rights-Theory and Practice Organized by Department of Sociology, Nagendra Jha Mahila Mahavidyalaya, Darbhanga, on March 24-25, 2012.
Paper: Mathematical Aspects in Human Right.
 13. 21th Annual Conference of the Purvanchal Academy of Sciences Organized by Dr. A. H. R. Shia Degree College, Jaunpur on November, 10-11, 2012.
Paper: Some Properties on Central Limit Theorems for Empirical Process.
 14. *International Conference* On Differential Geometry and Relativity, Organized by Dept. of Mathematics, Aligarh Muslim University, Aligarh, on 20-22 November 2012.
Paper: Some properties on transversal hypersurfaces of almost hyperbolic contact manifolds for a certain connection.
 15. National Conference on Recent Developments in Mathematics and Related Areas, Organized by PG Dept. of Mathematics and Patna Science College, Patna University on 22, 24 December 2012.
Paper: Some properties on transversal hypersurfaces of almost hyperbolic contact manifolds for a quarter symmetric semi metric connection admits an almost product structure.
 16. 10th National Conference on Mathematical Sciences for the Advancement of Science and Technology Organized by Indian Society of Mathematics and Mathematical Sciences, Shyam Keshwari Ashram Gorakhpur, on Feb. 23rd -24th, 2013.
Paper: Study on connections of transversal hypersurfaces of almost hyperbolic contact manifolds
 17. Instructional workshop on Applied Mathematics Organized by South Asian University New Delhi, on May 06th -10th, 2013.
Paper: Geometry of transversal hypersurfaces of almost hyperbolic contact manifolds in consent of different connections.
 18. 18th Annual cum 3rd International Conference of Gwalior Academy of Mathematical Sciences (GAMS) on Mathematical, Computational and Integrative Sciences Organized by Department of Mathematics, Maulana Azad National Institute of Technology Bhopal, on 22-26 September 2013.
Paper: Some properties on transversal hypersurfaces of Lorentzian Para-Sasakian manifolds for a quarter symmetric semi metric connection admits an almost product structure.
 19. *International Conference* On Differential Geometry and Relativity, Organized by Department of Mathematics and Statistics, Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur on 09-11, November 2013.
Paper: Characterization of quarter symmetric non metric connection on transversal hypersurface of Lorentzian Para Sasakian manifolds.
 20. 11th National Conference on Role of Mathematical Sciences in Science and Technology, jointly organized by Indian Society of Mathematics and Mathematical Sciences and Department of Mathematics and Statistics, DDU Gorakhpur University, Gorakhpur on 21-22, February 2014.
Paper: Characterization of quarter symmetric metric connection on transversal hypersurface of Lorentzian Para Sasakian manifolds.
 21. *International Conference* on Geometry and its Application organized by Department of Mathematics, Jadavpur University, Jadavpur, Kolkata on 16-18 October, 2014.
Paper: Characterization of quarter symmetric semi metric connection on hypersurface of Quasi Sasakian manifold.
 22. National Conference on Advances in Mathematical Science and its Applications jointly organized by Indian Society of Mathematics and Mathematical Sciences and Department of Mathematics and Statistics, DDU Gorakhpur University, Gorakhpur on 20-21, February 2015.

- Paper:** Some properties on hypersurfaces on Quasi Sasakian Manifold for certain connection.
23. *International Conference on Analysis and its Applications* Organized by Dept. of Mathematics, Aligarh Muslim University, Aligarh, on 19-21 December 2015.
Paper: Some properties of CR Submanifolds of a nearly Lorentzian Trans Sasakian manifolds.
 24. National Conference on Recent Trends in Mathematical Sciences Organized by Department of Mathematics and Statistics, D.D.U. Gorakhpur University, Gorakhpur on 23-24, July 2016.
Paper: Characterization of semi-invariant submanifolds of a nearly trans-hyperbolic Sasakian manifold with a quarter symmetric non-metric connection.
 25. *International Conference on Differential Geometry, Algebra and Analysis* organized by Department of Mathematics, Jamia Millia Islamia, New Delhi on 15 - 17, November 2016.
Paper: Characterization of semi-invariant submanifolds of a nearly trans-hyperbolic Sasakian manifold with certain connection.
 26. National conference on Differential Analysis jointly organized Bharat Ganita Parishad (BGP) and Department of Mathematics and Astronomy, University of Lucknow on 19-20, November 2016
Paper: Some properties of CR-submanifolds of a nearly δ -Lorentzian trans-Sasakian manifold with certain connection.
 27. Conference on Differential Geometry and its Applications jointly organized The Tensor Society, India and Department of Mathematics and Statistics, D.D.U. Gorakhpur University, Gorakhpur on 27-28, January 2017.
Paper: Some properties of CR- submanifolds of a nearly δ -Lorentzian trans-Sasakian manifold with semi symmetric non metric connection.
 28. National Conference on Discrete Mathematics, Theoretical Computer Science, Computer Engineering and Applications jointly organized Department of Mathematics T.D.P.G. College, Jaunpur and Ramanujan Society of Mathematics and Mathematical Sciences on 28-29, October 2017.
Paper: Characterization of CR-submanifolds of a nearly δ -Lorentzian trans-Sasakian manifold with semi symmetric semi metric connection.
 29. National Conference on Ramanujan: A Goddess Gifted Mathematician jointly organized Department of Mathematics T.D.P.G. College, Jaunpur and Ramanujan Society of Mathematics and Mathematical Sciences on 30-31, October 2017.
Paper: A review article on connections of CR-submanifolds of a nearly trans-hyperbolic Sasakian manifold.
 30. 105th Indian Science Congress: Reaching the Unreached through Science and Technology organized University of Manipur, Imphal on 16-20, March 2018.
Paper: Some properties of CR- submanifolds of a nearly trans-hyperbolic Sasakian manifold with a connection.
 31. National Conference on “Fractional Calculus, Special Functions and their Applications in Computer Science” organized Ramanujan Society of Mathematics and Mathematical Sciences and Department of Mathematics, T.D.P.G. College, Jaunpur on 10 -12, November 2018.
Paper: Characterization of quarter symmetric semi metric connection on CR-submanifolds of nearly δ Lorentzian para Sasakian manifold.
 32. Conference on recent trends in Mathematical Sciences organized Department of Mathematics and Statistics DDU Gorakhpur University, Gorakhpur on 24-25, November 2018.
Paper: On some properties of CR-submanifolds of a nearly δ -Lorentzian trans Sasakian manifold admitting a quarter-symmetric non-metric connection.
 33. 34th Annual conference of the mathematical society on emerging trends in Combinatorics and its Applications organized Department of Mathematics, Institute

of Science, Banaras Hindu University on 22-23, February 2019.

Paper: CR-submanifolds of a nearly quasi Sasakian manifold sasakian manifold with a connection.

34. *International conference on Differential Geometry and Relativity* organized Department of Mathematics and Statistics, D.D.U. Gorakhpur University, Gorakhpur, U.P., India and The Tensor Society, India on 08-10, November 2019.

Paper: Certain results on pseudo-slant submanifolds of nearly (ϵ, δ) -trans Sasakian manifold with semi symmetric non metric connection.

35. National conference on "Recent Trends in Geometry and their Applications" organized Department of Mathematics, Institute of Science, Banaras Hindu University on 08-09, February 2020.

Paper: Some properties on semi invariant submanifolds of a nearly (ϵ, δ) -trans Sasakian manifold.

36. 1st online national conference on Recent Trends in Science & Technology (RTST-2020) organized Department of Applied Sciences Faculty of Engineering and Technology (FET) Manav Rachna International Institute of Research and Studies, Faridabad on 21st November 2020.

Paper: Certain results on connections of CR-submanifolds of a nearly δ -lorentzian trans Sasakian manifold.

37. International Virtual Conference on Progress in Mathematics Progress in Mathematics towards Industrial Applications (PMTIA - 2021) organized Department of Mathematics College of Engineering & Technology SRM Institute of Science & Technology Ramapuram, Chennai on 29-30, October 2021.

Paper: Some properties on CR-submanifolds of a nearly quasi Sasakian manifold.

38. International Conference on "Emerging trends in Pure and Applied Mathematics" organized Department of Applied Sciences, School of Engineering in association with Department of Mathematical Sciences, Tezpur University on 12-13, March 2022.

Paper: Some properties on pseudo-slant submanifolds of nearly Lorentzian para-Sasakian manifolds.

39. International Virtual Conference on Progress in Mathematics towards Industrial Applications (PMTIA - 2022) organized Department of Mathematics College of Engineering & Technology SRM Institute of Science & Technology Ramapuram, Chennai on 28-29, October 2022.

Paper: Totally Umbilical pseudo-slant submanifolds of nearly Lorentzian para-Sasakian manifolds

Work Shop:

1. National Workshop on Matrices and Applications Organized by Indian Statistical Institute, Hyderabad during 05-12 January 2006.
2. Summer Series Lectures Organized by Integral University Lucknow.
3. National Workshop on Differential Geometry sponsored by DST under CMS organized by Department of Mathematics & Statistics (CMS) at Apaji Institute in Banasthali University, Rajasthan during 23-27 October 2013.
4. Workshop on Differential Geometry sponsored by National Centre for Mathematics, Mumbai organized by Department of Mathematics, Savitribai Phule Pune University, Pune during 04-09 August 2014.
5. Maulana Azad Lecture series for professional and skill development for polytechnic students. (2018-19)

Orientation Programme:

1. CXI- Academic Staff Orientation Programme Organized by UGC Academic Staff College, A.M.U. Aligarh during 20 July, 2010 to 17 August 2010.
2. Winter School Programme Organized by UGC- Academic Staff College, Maulana Azad

- National Urdu University, Hyderabad during 12 November, 2014 to 02 December 2014.
3. Winter School Programme Organized by UGC- Academic Staff College, Maulana Azad National Urdu University, Hyderabad during 30 November, 2017 to 20 December 2017.

Industrial Training:

1. Three Weeks Industrial Training for faculty members for the Faculty Members Organized by Regional Training Centre RTTC, BSNL, Hyderabad during 17 January, 2022 to 04 February 2022.

Faculty Development Program:

1. Two Day Short Term Course on Disaster Management and its Mitigation organized by Department of Civil Engineering, Aligarh Muslim University, Aligarh, during 20 May, 2020 to 21 May, 2020, under TEQIP - III.
2. Faculty Development Program on Technical Skill Development: Need of the Hour organized by Shaheed Mangal Pandey Government Girls (P.G.) College, Meerut during 23 May, 2020 to 27 May, 2020.
Lecture: A lecture on "E RESOURCES: TYPES AND ADVANTAGES".
3. Online One Week e-Faculty Development Program On Skilling teachers for Online Education organized by Uka Tarsadia University Surat Gujarat during 02 June, 2020 to 06 June, 2020.
4. Two Week's National level Remote Faculty Development Program on "Multimedia and Drawing" organized by Government First Grade Colleges Harihara in association with Spoken Tutorial, IIT Bombay (An initiative of National Mission on Education through ICT, MHRD, Govt. of India) under the scheme of PMMMNMTT during 03 June, 2020 to 16 June, 2020.
5. International Faculty Development Programme on "Contemporary issues, Assessment, Collaboration, Research and Publication" organized by faculty of commerce & research studies Swami Shukdevanand post graduate college, Shahjahanpur, U.P. India in collaboration with Mohammad Ali Jauhar University, Rampur, U.P. India during 15 June to 21 June 2020.
6. One week Short Term Training Programme through Information and Communication Technology Mode on "Problem Solving with SCILAB (ICT71)" organized by National Institute of Technical Teachers' Training & Research, Kolkata during 27 July, 2020 to 31 July 2020.
7. One week Short Term Training Programme through Information and Communication Technology Mode on "Application of MATLAB in Engineering (ICT96)" organized by National Institute of Technical Teachers' Training & Research, Kolkata during 24 August, 2020 to 28 August 2020.
8. Two week Short Term Training Programme through Information and Communication Technology Mode on "Testing and Health Benefits of Drinking Water (ICT115)" organized by National Institute of Technical Teachers' Training & Research, Kolkata during 07 September 2020 to 18 September 2020.
9. One week Short Term Training Programme through Information and Communication Technology Mode on "Numerical and Statistical Methods with SCILAB (ICT138)" organized by National Institute of Technical Teachers' Training & Research, Kolkata during 28 September 2020 to 02 October 2020.
10. One Day International Webinar on "Science and Engineering for Nature Conservation, World Environment organized by J. C. Bose University Of Science and Technology YMCA, Faridabad on 05 October 2020.
11. Online FDP on "Data Sciences organized by AICTE Training And Learning (ATAL) Academy and Indian Institute of Information Technology,

Allahabad during 09 October 2020 to 13 October 2020.

12. Online FDP on “Data Sciences (workshop 117) organized by AICTE Training And Learning (ATAL) Academy and Aligarh Muslim University, Aligarh 26 November 2020 to 30 November 2020.
13. UBA e-Workshop on Water Quantity and Quality Conservation organized by School of Water Resources, Indian Institute of Technology Kharagpur during 28 July 2021 to 30 July 2021.
14. One-Week Faculty Development Program on “Computing with MATLAB and LATEX Software: Indispensable Tools for Researchers organized by Department of Mathematics Baba Farid College, Bathinda, India & Department of Mathematics Mizan-Tepi University, Ethiopia in Collaboration with MathTech Thinking Foundation (MTTF), India during 05 January 2022 to 11 January 2022.
15. Two days Training Workshop on Latex Scientific Documentation organized by MathTech Thinking Foundation (MTTF), India during 15 February 2022 to 16 February 2022.

DETAILS OF KEYNOTE
SPEAKER/RESOURCE
PERSON/ SESSION CHAIR
ETC.

Invited Talks at Conferences and Symposium

1. A lecture on “Some CR-submanifolds of nearly δ -Lorentzian trans-Sasakian manifold” in national conference on latest advancements in physical sciences and life sciences at Meerut University, Meerut, during March.18 -19, 2017.
2. A lecture on “E RESOURCES: TYPES AND ADVANTAGES” in Online Faculty Development Programme On “Technical Skill Development: Need of the Hour” organized, Shaheed Mangal Pandey Government Girls (P.G.) College, Meerut on 2020-05-25.

ACHIVEMENTS

Courses Taught

Linear Algebra, Analytical Geometry, Trigonometry, Differential Calculus, Integral Calculus, Vector Calculus, Differential Equations, Laplace Transforms, Fourier Series, Fourier Transforms, Z-Transforms, Complex Variables, Numerical Techniques.

Research Projects Supervised

1. “SOME ASPECTS OF HYPERSURFACES ON DIFFERENTIABLE MANIFOLDS”
2. Coordinator of Unnat Bharat Abhiyan 2.0

DETAILS OF SUPERVISION
(M.PHIL/M.TECH/P.HD.)

PROFESSIONAL
MEMBERSHIPS

1. The Indian Science Congress Association (Life member) (L34198)
2. Journal of Bharat Ganita Parishad (Life member).
3. Aryabhata Research Journal of Physical Sciences (Life member).
4. The Tensor Society (Life member).

PERSONAL DETAILS

Father's Name : Dr Shafiullah
Date of Birth : 15/07/1981
Gender : M
Marital Status : Married
Nationality : Indian

Language : Urdu, English and Hindi
Known
Etc..

Date: 20/12/21
Place: Darbhanga

(Dr Shamsur Rahman)

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