

Dr. Manjari Srivastava

Professor

Department of Mathematics

Vikramajit Singh Sanatan Darma College, Kanpur

Email : manjarivssd@gmail.com



Educational Qualifications:

Ph.D.in Applied Mathematics on the topic “On separation Axioms and Compactness in Fuzzy Bitopology” from Indian Institute of Technology, Banaras Hindu University (2000)

M.Sc. in Mathematics from Banaras Hindu University (1994)

B.Sc.(Hons) in Mathematics , Banaras Hindu University (1992)

Research Interests and Specialization: Topology, Algebra, Fuzzy Topology

Publications:

1. Fuzzy Semi- Separation Axioms and Fuzzy Semi- Connectedness in Fuzzy Biclosure Spaces, Jnanabha, Vol. 53(1), 2023, 62-67.
2. Connectedness in Fuzzy Biclosure Spaces, Stochastic Modeling and Applications, Vol.26(3), 2022, 463-469
3. 2-Inner Product on Fuzzy Linear Spaces over Fuzzy Fields, J.Math.Comput.Sci.2022, Vol.12,113
4. 2-Norm on Fuzzy Linear Spaces Over Fuzzy Fields, Ganita, Vol.71(1), 2021 , 145-153
5. Fuzzy Preconnectedness and Fuzzy α -connectedness in Fuzzy Biclosure Spaces, J.Math.Cont.Sci.Appl.Vol.6(2),2020,165-174.
6. B-Compactness in Fuzzy Bitopology, Appl.Sci.Peri. Vol.XX(1), 2018 , 19-27.
7. Regular Fuzzy Biclosure Spaces, J.Gl.Res.Math.Archives, Vol.5(6), 2018 , 47-52
8. Different Types of Compactness in Fuzzy Bitopological Space , The Math.Edu.Vol.LII(1),2018, 44-50
9. Sub Sequential Conversions and Generalised Mazur Space, Appl.Sci.Peri. Vol.XX(1), 2018, 14-18
10. A Note on Fuzzy Continuous Mapping in Fuzzy Biclosure Spaces , J.Ult.Sci.Phy.Sci.Vol.29(12), 2017 547-553
11. Some more results on Fuzzy pairwise r-Separation Axioms in Fuzzy Bitopological Spaces, Amer.J.Eng.Res.Vol.6(1), 2017 ,240-244
12. On the Concept of Hausdorffness in Fuzzy Biclosure Spaces, I.J.C.R.9(2), 2017 ,46087-46090
13. A Note on Fuzzy Pairwise R_0 Bitopological Spaces, Int.J.Phy.Sci.Vol.28(7), 2016 ,367-369
14. On Fuzzy Pairwise T_0 and Fuzzy Pairwise T_1 Biclosure Spaces, Int.J.Math.Arch.7(11),2016, 9-15
15. Some Results on Fuzzy Supra Topological Spaces, Int.J.Eng.Res.Appl.6(3), 2016, 59-61
16. Supra Fuzzy Topological Spaces and Hausdorffness, Int.J.Math.Arch.6(8),2015, 81-85
17. Fuzzy r-Separation Axioms in Fuzzy Topological Spaces, Int.J.Math.Arch.6(5), 2015,57-62
18. Fuzzy Pre-separation Axioms in Fuzzy Topological Spaces, Int.J.Modern Sci.Eng.Tech.2(4), 2015, 57-62
19. Some Results on PC compactness in Fuzzy Bitopological Spaces, Int. J. of Phy. Sci. 27(2), 2015, 169-175

20. T_0 and T_1 Biclosure Spaces, Int. J. Eng., Sci. Ad. Res., 1(3), 2015, 261-263
21. Some Results on Uniformly Linear Operators, Int. J. Eng., Sci. Ad. Res., 1(3), 2015, 235-237
22. On Certain Separation Axioms in Fuzzy Bitopological Spaces, 27(3), FJMS, 2007, 579-587
23. On Fuzzy Pairwise T_0 and Fuzzy Pairwise T_1 Bitopological Spaces, Ind. J. Pure Appl. Math, 32(3), 2001, 387-396
24. On compactness in bifuzzy topological spaces, Fuzzy sets and systems, 121, 2001, 285-292
25. On T_0 and T_1 Fuzzy Closure Spaces, Fuzzy sets and systems, 109, 2000, 263-269
26. On Pairwise Hausdorff Fuzzy Bitopological spaces, Int. J. Fuzzy. Math., 53, 1997, 553-564

Books

- A Textbook of Integral Calculus, Kedar Nath Ram Nath Publication, Meerut
- A Textbook of Matrices, Kedar Nath Ram Nath Publication, Meerut
- A Textbook of Mathematical Methods, Kedar Nath Ram Nath Publication, Meerut
- A Textbook of Geometry, Kedar Nath Ram Nath Publication, Meerut

Experience

*Developed e-content for graduate students for Uttar Pradesh Higher Education Digital Library

*Designed curriculum at UG level as per the NEP- 2020 guidelines for CSJM University Kanpur

Seminar/ Workshops

1. Presented a paper in National Seminar on Mathematical Modelling and its Applications organized by Dept. of Mathematics, DAV College, Kanpur, March 18-19, 2024
2. 26th International Conference on Advances in Topology and Differential Geometry organized by the International Academy of Physical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, Dec 18-20, 2020
3. Presented a paper on Separation Axioms in Fuzzy Biclosure spaces using Fuzzy Semi-open sets, International Seminar on Recent advances in Science and Technology, organized by NEAST, Mizoram University Nov.16-18,2020
4. Presented a paper on the Application of Fuzzy Theory in the Field of Medical Sciences in the seminar Recent Developments in Mathematics and their Appl., DBS College, Kanpur, Jan.18,2019
5. Presented a paper on the Influence of Vedic Mathematics in the Ancient World in a seminar on Relevance of Vedic Mathematics, DAV College, Kanpur, Oct 12-13, 2018
6. Gave a presentation in National Conference on Current Advances in Science, Rama University, Uttar Pradesh, Mar. 19, 2016
Presented a paper on A Mathematical Model on Sustainable Development in a national seminar on Biodiversity Conservational and Sustainable Development, BND College, Kanpur, Jan. 20, 2016
7. Presented a paper on Fuzzy Biclosure Spaces in CONIAPS XVIII, organized by Allahabad University, Dec,22-24, 2015
8. Presented a paper on A study of Economic Forecasting in national seminar organized by DAV College Kanpur, Nov. 21, 2015
9. Presented a paper titled T_0 and T_1 Fuzzy Biclosure Spaces, National Conference on Trends in Signal Processing and Computing, organized by Rama University, Kanpur, Sept.19-20, 2015
10. Presented a paper on Innovations in Science and Technology organized by ISCA, Kanpur Chapter, Nov. 23-24, 2013

11. Presented a paper on Science for Shaping the Future of India, organized by ISCA, Kanpur Chapter, Dec. 3-4, 2012
12. Presented a paper on Separation Axioms in Fuzzy Bitopological Spaces in a national seminar on Recent Advances in Mathematics and its Applications, Brahmanand College, Kanpur, Feb. 12, 2011
13. Presented a paper on Fuzzy Metric Space in International Conference on Emerging Trends in Engineering and Technology, GIMT, Kurukshetra, Oct. 14-16, 2010
14. Presented a paper on fuzzy r -separation axioms and fuzzy pre-separation axioms in fuzzy Bitopological spaces in a conference on Fuzzy Set Theory and its Mathematical Aspects and Applications, organized by the Dept. of Mathematics, BHU, Varanasi, Dec. 26-28, 2002

Lifetime Member of

Vijnana Parishad of India

International Academy of Physical Sciences

Indian Science Congress