



ENLIGHTENMENT TO PERFECTION

UNIVERSITY OF NORTH BENGAL

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Raja Rammohunpur, Dist- Darjeeling, West Bengal, Pin-734013, India.

Department of Mathematics

Print

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Areas of Interest: Topology, Functional Analysis and Algebra.**Some Publications:****Journal:**

1. S. Das, **M. Singha** and S. De Sarkar, Semi Open and Weakly Semi Open Sequential Sets in Sequential Topological Spaces, Vesnik BSPU 9, 2 (19) (2009), 40-52.
2. N. Tamang, **M. Singha** and S. De Sarkar, Separation Axioms in Sequential Topological Spaces in the Light of Reduced and Augmented Bases, Int. J. Contemp. Math. Sci. 6 (23) (2011), 1137-1150.
3. **M. Singha** and S. De Sarkar, On $K\Omega$ and Relative Closure Operators in $(P(X))^N$, J. Adv. Stud. Topol. 3 (1) (2012), 72-80.
4. **M. Singha** and S. De Sarkar, On Monotonic Sequential Operators, Southeast Asian Bull. Math. 37 (2013), 903-918.
5. **M. Singha**, Urysohn's Lemma in Weak Structures, Bull. Cal. Math. Soc. 104 (6) (2012), 547-552.
6. **M. Singha** and S. De Sarkar, Towards Urysohn's Lemma in Minimal Structures, Int. J. Pure Appl. Math. 85 (2) (2013), 255-264.
7. **M. Singha**, Two Fixed Point Theorems in the Language of Cone Metric Spaces, Journal of Mathematics, IV (1) (2012), 67-76.
8. **M. Singha**, Sequential Interior Operators, Journal of Pure Mathematics (Calcutta University) 29 & 30, 2013, 126-138.
9. **M. Singha**, N. Tamang and S. De Sarkar, Fuzzy Sequential Topological Spaces, International Journal of Computer and Mathematical Sciences, 3 (4) (2014), 2347-8527.
10. N. Tamang, **M. Singha** and S. De Sarkar, Separation Axioms in Fuzzy Sequential Topological Spaces, J. Adv. Stud. Topol., 4 (1) (2013), 83-97.
11. N. Tamang, **M. Singha** and S. De Sarkar, FS-closure operators and FS-interior operators, Ann. Fuzzy Math. Inform., 6 (3) (2013), 589-603.
12. N. Tamang, **M. Singha** and S. De Sarkar, Composition of fuzzy sequential operators with special emphasis on FS-connectors, Palestine Journal of Mathematics, 4 (1) (2015), 37-43.
13. **M. Singha** and Kaushik Sarkar, Asymptotic generalization of a fixed point theorem in partial metric spaces, International Journal of Mathematical Archive, 6 (6), 2015, 141-146.

Paper Presentations in National and International Seminars:

14. **M. Singha**, On K-omega, omega and relative closure operators, UGC Seminar on Recent Advances in Mathematical Sciences and Applications, University of North Bengal, February 10-11, 2011.
15. **M. Singha**, On monotonic sequential operators, National Seminar on Analysis, Modeling and Geometric Topology, University of Kalyani, March 21-22, 2012.
16. **M. Singha**, Urysohn's lemma in weak structures, National Seminar on Mathematical Analysis and Applications: Present Perspective, Calcutta Mathematical Society, September 06-07, 2012. This paper was adjudged as the best paper presentation for Anita Bose Majumder Memorial Award)
17. **M. Singha**, Generalized Topology with Special Emphasis on Normality, National Seminar on Advances in Mathematics and Applications, The University of Burdwan, March 06-07, 2013.
18. **M. Singha**, Ring Structure on Any Nonempty Set, National Seminar on Recent Trends in Mathematics, University of Kalyani, March 08, 2013.
19. **M. Singha**, k-metric spaces with special emphasis on identities in differences, National Conference on Non-Linear Dynamics, Analysis and Optimization, Jadavpur University, January 09-10, 2014.
20. **M. Singha**, Sequential Operators and Connectors, 3rd International Conference on Frontiers of Mathematics and Applications, The University of Burdwan, January 29-31, 2014.
21. **M. Singha**, Some Aspects in Generalized Topological Spaces, National Seminar on Mathematics and its Applications, University of Kalyani, March 04-05, 2014.
22. **M. Singha**, Towards Partition of Unity in Generalized Topological Spaces, National Seminar on Recent Development in Mathematics and its Applications, University of Calcutta, March 12, 2014.
23. **M. Singha**, Topological warm-up of k-metric spaces and some fixed point theorems, International Conference on Current Developments in Mathematics and Mathematical Sciences, Calcutta Mathematical Society, December 19-21, 2014.

Workshop attended :

1. "Workshop on General Topology with Special Emphasis on Proximities, Compactifications and Rings of Continuous Functions" organized by the Department of Mathematics, University of North Bengal, during 21st February – 2nd March, 2013.

Invited talk:

1. M. Singha, Mathematics in Everyday Life, National Seminar on "Mathematics in Everyday Life" (UGC sponsored), Pramathesh Barua College, Gauripur, Dhubri, Assam, September 20-21, 2014.