List of Publications

Journals

1. **M. Verma, K. K. Shukla, "Fuzzy Metric Space Induced by Intuitionistic Fuzzy Points and Its Application to the Orienteering Problem", IEEE Transactions on Fuzzy Systems (SCI Indexed, IF-8.746). Available online as early access.**

2. M. Verma, K. K. Shukla, " A Greedy Algorithm for Fuzzy Shortest Path Problem using Quasi- Gaussian Fuzzy Weights", International Journal of Fuzzy System Applications, Vol. 3(2), pp. 55-70, 2013.

3. M. Verma, M. Gupta, B. Pal, K. K. Shukla, "Roulette Wheel Selection based Heuristic Algorithm for the Orienteering Problem", International Journal of Computers and Technology, Vol. 13(1), pp. 4127-4145, 2014.

4. M. Verma, K. K. Shukla, " Fuzzy Minimum Spanning Tree Problem - A Greedy Algorithm using Quasi- Gaussian Fuzzy Weights", Journal of Software Engineering Tools and Technology Trends, Vol. 1(3), pp. 15-22, 2014.

5. M. Verma, K.K. Shukla, "Application of Fuzzy Optimization to the Orienteering Problem", Advances in Fuzzy Systems, Vol. 2015, pp.1-12, 2015.

Conferences

1. M. Verma, K. K. Shukla, "A New Algorithm for solving Fuzzy Constrained Shortest Path Problem using Intuitionistic Fuzzy Numbers", In Proc. of 2nd International Conference On Advances in Computing, Electronics and Electrical Technology (CEET-2014), pp. 1-5, Kuala Lumpur, Malaysia, 2014. [Also published in International Journal of Artificial Intelligence and Neural Networks, Vol. 5(1), pp. 38-42, 2015].

2. M. Verma, K. K. Shukla, " Fuzzy Constrained Shortest Path Algorithm using Circumcenter of Centroids", In Proc. of 3rd IEEE International Advance Computing Conference (IACC-2013), pp. 657-660, Ghaziabad, U.P., 2013.

3. M. Verma, K. K. Shukla, "Evaluation of Ranking Methods for the Constrained Fuzzy Shortest Path Problem", In Proc. of 2nd International Conference on Emerging Research in Computing, Information, Communication and Applications (ERCICA-2014), pp. 812-822, Bangalore, Karnataka, 2014.

4. M. Verma, B. Pal, M. Gupta, K. K. Shukla, "A Stochastic Greedy Heuristic Algorithm for the Orienteering Problem", In Proc. of 5th IEEE International Conference on Computer and Communication Technology (ICCCT-2014), pp. 59-65, Allahabad, U.P., 2014.

5. M. Verma, K. K. Shukla, " A Solution of the Fuzzy Steiner Tree using Quasi- Gaussian Fuzzy Weights", In Proc. of International Conference on Artificial Intelligence and Soft Computing (AISC-2012), pp. 75-80, Varanasi, U.P., 2012.