

International Journal Publications:

1. Anurag. Shukla & Sarsij Tripathi , “ A Matrix-Based Pair-Wise Key Establishment for Secure and Energy Efficient WSN-Assisted IoT”, International Journal of Information Security and Privacy (IJISP), Vol 13, Issue 3, pp: 91-105. , 2019
doi:10.4018/IJISP.201907010106
2. Sudhakar Pandey, Ruchi Jain, Sarsij Tripathi, .Naresh Kumar Nagwani, Sanjay Kumar, “KMHSO: K-Means and Harmony Search based Optimization Algorithm for Relay Node Selection in Smart Transportation System” , National Academy Science Letters , Springer, PP 1- 5,2019. DOI <https://doi.org/10.1007/s40009-019-00792-3>
3. Anurag Shukla & Sarsij Tripathi “ An optimal relay node selection technique to support green internet of things” Journal of Intelligent & Fuzzy Systems, vol. 35, no. 2, pp. 1301-1314, 2018. DOI: 10.3233/JIFS-169674 \
4. A. Agrawal and Sarsij Tripathi, “Particle swarm optimization with adaptive inertia weight based on cumulative binomial probability”, Evolutionary Intelligence, Springer Berlin Heidelberg pp. 1- 9. Nov. 2018, DOI <https://doi.org/10.1007/s12065-018-0188-7>
5. Vinay Surendra Yadav, Sarsij Tripathi, AR Singh, “Bi-objective optimization for sustainable supply chain network design in omnichannel “,Journal of Manufacturing Technology Management, 1741-038X, August 2018, DOI: <https://doi.org/10.1108/JMTM-06-2017-0118>
6. Anurag Shukla and Sarsij Tripathi, “A Survey on Next generation Computing IoT Issues and Challenges “,International Journal of Pure and Applied Mathematics Special Issue on Advances in Computer Science, Engineering and Technology, Volume 118 No. 945-64, 2018
7. Vinay Surendra Yadav and Sarsij Tripathi and A.R. Singh, “Exploring omnichannel and network design in omni environment “ , Journal of Cogent Engineering, 4(1), PP: 1-16, 2017
DOI: 10.1080/23311916.2017.1382026
8. Anurag Shukla & Sarsij Tripathi, “ Security in Internet of Things “,International Journal of Control Theory and Applications, (I J C T A) International Science Press9(41) 743-752,2016
9. Shilpi Varshney & Sarsij Tripathi, “Study And Analysis Of Flow Shop Scheduling Problem With Heuristic Approach”, International Journal of Computer Science and Engineering (IJCSSE) ISSN(P): 2278-9960; ISSN(E): 2278-9979 Vol. 4, Issue 3, Apr -May 2015, 11-14 © IASET
10. Sarsij Tripathi & Meenu Madan, “Use of Artificial Neural Network in Stock Exchange Market”, International Journal of Innovations & Advancement in Computer Science IJIACS ISSN 2347 – 8616 Volume 2, Issue 4 March 2014,pp:23-26.
11. BP Chaurasia, SK Gupta, S Tripathi , “ A Review on Quality of Service (QoS) in Vehicular Ad Hoc Networks (VANETs).” International Journal of Advanced Research in Computer Science, Vol 5 Issue 7,2014.
12. Arun Prakash, Sarsij Tripathi, Rajesh Verma, Neeraj Tyagi, Rajeev Tripathi, and Kshirasagar Naik, “Vehicle Assisted Cross layer handover scheme in NEMO based VANETs (VANEMO) “,International Journal of Internet Protocol Technology (IJIPT) Inderscience, UK, Vol. 6, Nos. ½, pp. 83—95, 2011, DOI:10.1504/IJIPT.2011.040617
13. Sarsij Tripathi, Rama Shankar Yadav, Ranvijay, Rajib L. Jana, “Resource Management in Real Time Distributed System with Security Constraints: A Review”, International Journal of Distributed System and Technology (IJDST) IGI Global Publication, Vol. 2 Issue2, PP: 38-58, 2011, DOI: 10.4018/jdst.2011040103
14. Abhisekh Songra, Rama Shankar Yadav, Sarsij Tripathi, “Modified Approach For Securing Real Time Application on Clusters”, in International Journal of Security (IJS) vol. 1, no. 1, July, 2007, PP. 32-44, ISSN:1985-2320

International Conference Publications/ Book Chapters:

1. Rutuja Nawghare, Manu Vardhan & Sarsij Tripathi, "A Survey on social networking using concept of Evolutionary Algorithms and Big Data Analysis ",5th International Conference on Computational Intelligence and Communication Technology (CICT 2019) 22-23 February 2019, ABES Ghaziabad, U.P., Proceedings in Springer Book Series on Advances in Intelligent Systems and Computing(Scopus)
2. Shubhra Dwivedi, Manu Vardhan & Sarsij Tripathi, "An effect of pre-processing approach on activity recognition system", International conference on artificial intelligence, smart grid and smart city applications (AISGSC 2019) 3-5 Jan 2019, PSG College of Technology, Coimbatore, Tamil Nadu(Scopus)
3. Pavan Mishra, Ashish Kumar Misra and Sarsij Tripathi, "Graph-Based Resource Allocation in Multihop D2D Communication for 5G Cellular Networks " , 4th International conference on Computer and Communication systems , Singapore, 23-25 February 2019, ICCCS 2019.
4. Pavan Mishra, Ashish Kumar Misra and Sarsij Tripathi, "Relay selection scheme for dynamic network scenario in multi-hop D2D communication" , 4th International conference on Computer and Communication systems , Singapore, 23-25 February 2019, ICCCS 2019.
5. Kalpak Patil, Naresh Kumar Nagwani, and Sarsij Tripathi, "A Parametric Study of Partitioning and Density Based Clustering Techniques for Boxplot Generation ",2018 3rd International Conference for Convergence in Technology (I2CT), pp. 1-5. IEEE, 2018.