

Sr. No.	Publication Details
1	Ankit Rajpal, Anurag Mishra, and Rajni Bala. "Fast digital watermarking of uncompressed colored images using bidirectional extreme learning machine" In International Joint Conference on Neural Networks (IJCNN), pp. 1361-1366. IEEE, Alaska, USA
2	Chatterjee I., Gwan J, Kim Y, Lee M, Cho M. (2020); An NLP and LSTM based Stock Prediction and Recommender System for KOSDAQ and KOSPI; The 12th International Conference on Intelligent Human Computer Interaction (IHCI2020), Daegu, South Korea, November 24 - 26, 2020
3	Kuldeep Singh, Harish Kumar Shakya, Bhaskar Biswas, "An Efficient Approach to Discovering Frequent Patterns from Data Cube using Aggregation and Directed Graph", 6th International Conference on Computer and Communication Technology (ICCT-2015), published by-Association for Computing Machinery, MNNIT Allahabad, DOI:10.1145/2818567.2818573.
4	Madhu Kumari, Ujjawal Kumar Singh, Meera Sharma: "Entropy Based Machine Learning Models for Software Bug Severity Assessment in Cross Project Context". ICCSA (6) 2020: 939-953, Delhi University, Delhi, India
5	Ankit Aggarwal, Louis Anand, Manisha Bansal, Naveen Garg, Neelima Gupta, Shubham Gupta, Surabhi Jain; "A 3-approximation for facility location with uniform capacities" ; 14th International Conference on Integer Programming and Combinatorial Optimization;Lausanne, Switzerland, pages 149–162. Springer-Verlag, 2010.
6	Manisha Bansal, Naveen Garg, Neelima Gupta; 2012; "A 5-approximation for capacitated facility location"; 20th European Symposium on Algorithms; Springer, Berlin, Heidelberg
7	Manisha Bansal, Naveen Garg, Neelima Gupta; 2018; " A 5-approximation for universal facility location"; 38th IARCS Annual Conference on Foundations of Software Technology and Theoretical Computer Science (FSTTCS 2018), Ahmedabad, Gujrat, India.
8	"Accurate classification of biological data using ensembles." In 2015 IEEE International Conference on Data Mining Workshop (ICDMW), pp. 1486-1493. IEEE, held in Atlantic City, USA on 14-17 November, 2015. Print ISBN 978-1-4673-8492-6
9	"Comparing SVM ensembles for imbalanced datasets" in 10th International Conference on Intelligent Systems Design and Applications (ISDA) (IEEE, Pp. 651-657) held in Cairo, Egypt on November 29-December 1, 2010. (IEEE). ISSN 2164-7143. Print ISBN 978-1-4244-8134-7.
10	VisTree : Generic Decision Tree Inducer and Visualizer" in 6th International Workshop on Databases in Networked Information Systems (DNIS) (LNCS, Volume 5999, 2010, Pp. 225-243) held in Aizu, Japan on March 29-31, 2010. Print ISBN 978-3-642-12037-4
11	"An Efficient Classifier Ensemble using SVM" in Proceedings of International Conference on Methods and Models in Computer Science(ICM2CS 2009) (IEEE sponsored) (Pp. 240-246) held in JNU, Delhi, India on 4-5 December, 2009. Print ISBN 978-1-4244-5051-0
12	Megha Bansal, Anurag Mishra and Arpita Sharma, (2020, July), "Optimized DWT SVD Based Image Watermarking Scheme Using Particle Swarm Optimization", In International Conference on Computational Science and Its Applications (ICCSA 2020), Cagliari, Italy, in Lecture Notes in Computer Science book series (LNCS, , vol 12254, pp. 862-877), Springer.
13	Megha Bansal, Anurag Mishra and Arpita Sharma, "SVD-DWT Hybrid Frequency Domain Watermarking for Gray Scale Images using Particle Swarm Optimization", in 10th International Conference on Soft Computing for Problem Solving - SocProS 2020, Jointly organized by Indian Institute of Technology Indore, India & Soft Computing Research Society, India

14

Rahul Johari, Gupta, Neelima and Sanhya Aneja, 2013, "DSG-PC: dynamic social grouping based routing for non-uniform buffer capacities in DTN supported with periodic carriers", International Conference on Heterogeneous Networking for Quality, Reliability, Security and Robustness , Springer, Gautam Buddha University, Greater NOIDA, India

15

Rahul Johari, Gupta, Neelima and Aneja, Sandhya, 2013, "CACBR: context aware community based routing for intermittently connected network" , 10th ACM symposium on Performance evaluation of wireless ad hoc, sensor, \& ubiquitous networks, ACM ,SPAIN.

16

Rahul Johari and Gupta, Neelima, 2011, "Secure query processing in delay tolerant network using java cryptography architecture", International Conference on Computational Intelligence and Communication Networks, IEEE, Gwalior, India

17

Rahul Johari and Gupta, Neelima, 2011, "Insecure query processing in the delay/fault tolerant mobile sensor network (dft-msn) and mobile peer to peer network", International Conference on Network Security and Applications, Springer, Chennai, India

18

Rakhi Saxena. 2018."Capitalizing on Hierarchical Graph Decomposition for Scalable Network Analysis". In Very Large Databases (VLDB) PhD Workshop, held in Rio de Janeiro, Brazil, Aug 27-31, 2018. CEUR Workshop Proceedings 2175.

19

S. Kaur, R. Saxena, and V. Bhatnagar.
"Leveraging Hierarchy and Community Structure for Determining Influencers in Networks"

In

19th International Conference on Big Data Analytics and Knowledge Discovery (DaWaK), held in Lyon, France, August 28-31, 2017, Proceedings - Lecture Notes in Computer Science 10440, pages 287-302, Springer

20

R. Saxena, S. Kaur, D. Dash, and V. Bhatnagar.
"Leveraging Structural Hierarchy for Scalable Network Comparison".

In

27th International Conference on Database and Expert Systems Applications (DEXA), held in Porto, Portugal, September 5-8, 2016, Proceedings, Part I. Lecture Notes in Computer Science 9827, pages 287-302, Springer,

21

Sharanjit Kaur, Rakhi Saxena, Dhriti Khanna, Vasudha Bhatnagar:
"Comparing Data Processing Frameworks for Scalable Clustering".
Proceedings of the Twenty-Seventh International Florida Artificial Intelligence Research Society Conference, FLAIRS 2014, Pensacola Beach, Florida, USA, May 21-23, 2014. AAAI Press 2014

22

Reshu Chaudhary and Hema Banati, 2019, "Peacock Algorithm", 2019 IEEE Congress on Evolutionary Computation (CEC), Wellington, New Zealand, pp. 2331-2338.
<https://doi.org/10.1109/CEC.2019.8790371>

- 23 Sapna Grover, Neelima Gupta , Samir Khuller and Aditya Pancholi
"Constant factor Approximation Algorithm for Uniform Hard Capacitated Knapsack Median Problem",
38th IARCS Annual Conference on Foundations of Software Technology and Theoretical Computer Science (FSTTCS) December 10–14, 2018, School of Engineering and Applied Science, Ahmedabad University, Ahmedabad, Gujarat.
Published in the Leibniz International Proceedings in Informatics (LIPIcs)
- 24 "Gpu-based massively parallel quantum inspired genetic algorithm for detection of communities in complex networks", Shikha Gupta, Naveen Kumar, 2014, Proceedings of the Companion Publication of the 2014 Annual Conference on Genetic and Evolutionary Computation, pages=163--164
- 25 "Quantum inspired genetic algorithm for community structure detection in social networks", Shikha Gupta, Sheetal Taneja, Naveen Kumar, 2014, Proceedings of the 2014 Annual Conference on Genetic and Evolutionary Computation, pages=1119--1126
- 26 "Parameter tuning in quantum-inspired evolutionary algorithms for partitioning complex networks", Shikha Gupta, Naveen Kumar, 2014, Proceedings of the Companion Publication of the 2014 Annual Conference on Genetic and Evolutionary Computation, pages=1045--1048
- 27 "Modified partition integration method for community detection in multidimensional social networks", Shikha Gupta, Barkha Khatri, Tamanna Gupta, Naveen Kumar, 2015 11th International Conference on Natural Computation (ICNC), pages=1188--1195, organization=IEEE, year=2015
- 28 "Discovering pareto-optimal process models: a comparison of MOEA techniques", Sonia, Manoj Agarwal, Shikha Gupta, Naveen Kumar, Proceedings of the Genetic and Evolutionary Computation Conference Companion, pages=286--287, year=2018
- 29 1.A. Aggarwal, V.T. Chakaravarthy, N. Gupta, Y. Sabharwal, S. Sharma and S. Thakral, "Replica Placement on Bounded Treewidth Graphs", in Algorithms and Data Structures Symposium, WADS 2017, July 31-August 2, 2017, St. John's, NL, Canada, 2017, pp. 13-24.
- 30 S. Arora, V.T. Chakaravarthy, K. Gupta, N. Gupta, and Y. Sabharwal, "Replica Placement on directed acyclic graphs", in 34th International Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS 2014, December 15-17, 2014, New Delhi, India, 2014, pp. 213-225
- 31 A. Agarwal, S. Arora, V.T. Chakaravarthy, and Y. Sabharwal, "Power-Aware Resource Activation," in 21st IEEE International Conference on High Performance Computing, Goa, India, 2014.
- 32 S. Arora, V.T. Chakaravarthy, N. Gupta, K. Mukherjee, and Y. Sabharwal, "Replica Placement via capacitated vertex cover," in IARCS Annual Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS 2013, December 12-14, 2013, Guwahati, India, 2013, pp. 263-274.
- 33 Mind and Body in Balance: Assessing Yoga to Demystify its Effects on Cognitive Performance, Varsha Singh, Sonika Thakral, Kunal Singh, Sanjeev Jain, Rahul Garg. In ACCS 2019, Goa, India, December 2019.
- 34 Arun K Pujari, Ansh Mittal, Anshuman Padhi, Anshul Jain, Mukesh Jadon, and Vikas Kumar, "Debiasing Gender biased Hindi Words with Word-embedding", In 2nd International Conference on Algorithms, Computing and Artificial Intelligence, ACM, 2019, Sanya, China.
- 35 Rasmikanta Pati, Vikas Kumar, and Arun K Pujari, "Gradient-Based Swarm Optimization for ICA", In Progress in Advanced Computing and Intelligent Engineering- Proceedings of ICACIE 2017, Volume 1, Springer, 2019, Central University of Rajasthan, India.

- 36 Salman K. H, Arun K Pujari, Vikas Kumar, and Sowmini Devi Veeramachaneni ,
“Combining Swarm with Gradient Search for Maximum Margin Matrix Factorization”,
Pacific Rim International Conference on Artificial Intelligence, Lecture Notes in Computer
Science, vol 9810, Springer, 2016, Phuket, Thailand.
- 37 Venkateswara Rao Kagita, Arun K Pujari, Vineet Padmanabhan, Vikas Kumar, and
Sandeep Kumar Sahu, “Threshold-based Direct Computation of Skyline Objects for
Database with Uncertain Preferences”, Pacific Rim International Conference on Artificial
Intelligence, Lecture Notes in Computer Science, vol 9810, Springer, 2016, Phuket,
Thailand.
- 38 Sandeep Kumar Sahu, Arun K Pujari, Vikas Kumar, Venkateswara Rao Kagita, and
Vineet Padmanabhan, “Greedy Partitioning based Tree Structured Multiclass SVM for
Odia OCR”, Fifth National Conference on Computer Vision, Pattern Recognition, Image
Processing and Graphics (NCVPRIPG), IEEE, 2015, IIT Patna, India.
- 39 Sandeep Kumar Sahu, Arun K Pujari, Venkateswara Rao Kagita, Vikas Kumar, and
Vineet Padmanabhan, “GP-SVM: Tree Structured Multiclass SVM with Greedy
Partitioning”, 14th International Conference on Information Technology (ICIT), IEEE,
2015, Bhubaneswar, Odisha, India.
- 40 Venkateswara Rao Kagita, Arun K Pujari, Vineet Padmanabhan, Haris Aziz and Vikas
Kumar, “Committee Selection using Attribute Approvals”, 20th International Conference
on Autonomous Agents and Multiagent Systems, IFAAMAS, 2021, London-UK.