

## Dr. R. Rathipriya, Publication Details

S.No.	Publications	Year
1.	Key Generation for DNA Cryptography Using Genetic Operators and Diffie-Hellman Key Exchange Algorithm, E. Vidhya, R. Rathipriya, International Journal of Mathematics and Computer Science,2020	2020
2.	Arbitrary walk with minimum length based route identification scheme in graph structure for opportunistic wireless Sensor network, S.SivabalanS, Dhamodharavadhani, R.Rathipriya, Swarm Intelligence for Resource Management in Internet of Things,2020	2020
3.	Sentimental Analysis using Capsule Network with Gravitational Search Algorithm, V. DiviyaPrabha, R. Rathipriya,Journal of Web Engineering,2020	2020
4.	COVID-19 Mortality Rate Prediction for India Using Statistical Neural Network Models, S Dhamodharavadhani, R Rathipriya and Jyotir Moy Chatterjee, 2020, Front. Public Health, <a href="https://doi.org/10.3389/fpubh.2020.00441">https://doi.org/10.3389/fpubh.2020.00441</a> ,2020	2020
5.	Enhanced Logistic Regression Model for Big Data, Dhamodharavadhani S. (Periyar University, India) and Rathipriya R. (Periyar University, India), Handbook of Research on Big Data Clustering and Machine Learning,2020	2020
6.	An Optimized Three-Dimensional Clustering for Microarray Data Narmadha N. and R. Rathipriya , Handbook of Research on Big Data Clustering and Machine Learning,2020	2020
7.	Variable Selection Method for Regression Models Using Computational Intelligence Techniques, Dhamodharavadhani S. , Rathipriya R., Handbook of Research on Machine and Deep Learning Applications for cyber security,2020	2020
8.	Opportunistic Forward Routing Using Bee Colony Optimization, S. Sivabalan, S. Dhamodharavadhani , R. Rathipriya, International Journal of computer science and engineering,2019	2019
9.	R. Gowri, R. Rathipriya, -, Cohesive sub-network mining in protein interaction networks using score-based co-clustering with mapreduce model (MR-CoC), Advances in Intelligent Systems and Computing, 645(0), 227-236, 2018, Springer	2018
10.	S. Dhamodharavadhani, R. Gowri, R.Rathipriya, Unlock different V's of Big Data for Analytics, ICCVNI, 0(0), 0-0, 2018, UGC list	2018
11.	V.Diviyaprabha, R. Rathipriya, -, Reliable prediction for detection of heart attack among people using twitter, International Journal of Engineering Research in Computer Science and Engineering (IJERCSE), 0(0), 0-0, 2018	2018
12.	V.Diviyaprabha, R. Rathipriya, -, Prediction of Hyperglycemia using Binary Gravitational Logistic Regression (BGLR), International Conference on Cognitive Informatics and Soft Computing , 0(0), 0-0, 2018	2018
13.	N. Narmadha, R. Rathipriya, -, Triclustering Algorithm for 3D Gene Expression Data Using Correlation Measure, International Conference on Emerging trends in Engineering, Science and Technologies , 0(0), 0-0, 2018	2018
14.	R. Gowri, R. Rathipriya, -, Protein Complex Detection on HIV – Human Protein Interaction Networks using Score based Co-Clustering with Mapreduce Model (MR-	2018

	CoC), International conference on Applied Soft Computing Techniques , 0(0), 0-0, 2018	
15.	S. Sivabalan, R. Rathipriya, -, Slot scheduling Mac using energy efficiency in ad hoc wireless networks, , 0(0), 0-0, 2017, IEEE	2017
16.	V.Diviyaprabha, R. Rathipriya, -, Reliable Techniques for Handling IoT Data (Unstructured Data), International Journal of Control Theory and Applications (IJCTA) , 10(10), 851-859, 2017,	2017
17.	S. Dhamodharavadhani, R. Rathipriya, -, European Countries' Climatic Analysis and Forecasting, International Journal of Control Theory and Applications (IJCTA), 10(9), 129-144, 2017	2017
18.	R. Gowri, R. Rathipriya, -, Local Optima Avoidance in GA Biclustering using Map Reduce, International Journal of Knowledge Discovery in Bioinformatics (IJKDB), 6(1), 37-48, 2017, IGI Global.	2017
19.	R. Rathipriya, -, -, A Novel Evolutionary Biclustering Approach using MapReduce (EBC-MR), International Journal of Knowledge Discovery in Bioinformatics (IJKDB), 6(1), 26-37, 2017, IGI Global	2017
20.	R. Gowri, R. Rathipriya, -, Protein Comparator using Bio-Inspired 2-way k-means, Advancements in Applied Meta-heuristic Computing, 0(0), 95-117, 2017, IGI Global	2017
21.	Samya, R. Rathipriya, -, Weather Prediction Using Multiple Linear Regression, International Conference on Smart Approaches in Computer Science Research Arena , 0(0), 0-0, 2017,	2017
22.	K. Prabhu, N. Narmadha, R.Rathipriya, "Correlation Quality Measure for Micro-array Bicluster , International Conference on Big Data and Cloud Computing(ICBDCC 2017), 0(0), 0-0, 2017, Springer	2017
23.	L.Abirami, R. Rathipriya, -, Survey on Data Mining Techniques for Crop Prediction , International Conference on Smart Approaches in Computer Science Research Arena , 0(0), 0-0, 2017	2017
24.	R. Gowri, R. Rathipriya, -, Cohesive Sub-Network Mining from Protein Interaction Network using Score based Co-Clustering with MapReduce Framework (MR-CoC), International Conference on Big Data and Cloud Computing(ICBDCC 2017), 0(0), 0-0, 2017, Springer	2017
25.	S. Sivabalan, R. Gowri, R.Rathipriya, Optimizing energy efficient path selection using venus flytrap optimization algorithm in MANET , , 0(0), 0-0, 2016, Springer	2016
26.	R. Gowri, S. Sivabalan, R.Rathipriya, Biclustering using venus flytrap optimization algorithm , Advances in Intelligent Systems and Computing , 0(0), 0-0, 2016, Springer	2016
27.	R. Gowri, R. Rathipriya, -, Venus flytrap optimization , Advances in Intelligent Systems and Computing , 0(0), 0-0, 2016, Springer	2016
28.	R. Gowri, R. Rathipriya, -, MR-GABiT: Map reduce based genetic algorithm for biclustering time series data, 2016 IEEE International Conference on Advances in Computer Applications, ICACA 2016, 0(0), 0-0, 2016, IEEE	2016
29.	S. Dhamodharavadhani, R. Rathipriya, -, A pilot study on climate data analysis tools and software, Proceedings of 2016 Online International Conference on Green Engineering and Technologies, IC-GET 2016 , 0(0), 0-0, 2016, IEEE	2016
30.	R. Gowri, R. Rathipriya, -, Quality based clustering using MapReduce framework , Proceedings of 2016 Online International Conference on Green Engineering and Technologies, IC-GET 2016 , 0(0), 0-0, 2016, IEEE	2016
31.	N. Narmadha, R. Rathipriya, -, Triclustering: An evolution of clustering , , 0(0), 0-0, 2016, IEEE	2016
32.	E. Vidhya, R. Rathipriya, -, A Study on Unstructured Data Security Issues, International Journal of Innovations & Advancement in Computer Science , 5(3), 0-0, 2016	2016

33.	S. Selvaraj, R. Rathipriya, -, A Study on Energy Efficient Routing Protocols in Wireless Sensor Routing, International Journal of Innovations & Advancement in Computer Science , 5(3), 0-0, 2016,	2016
34.	V.Diviyaprabha, R. Rathipriya, -, IoT Data and its Application-A Preliminary Study, International Journal of Computational Intelligence and Informatics , 6(1), 25-29, 2016,	2016
35.	R. Gowri, R. Rathipriya, -, Extraction of Protein Sequence Motif Information using Bio-Inspired Computing, Handbook of Research on Computational Intelligence Applications in Bioinformatics, 0(0), 240-262, 2016, IGI Global	2016
36.	R. Rathipriya, -, -, Design Solutions for Improving Website quality and Effectiveness, Identification of Optimal Web Page Set based on Web usage using Biclustering Optimization Techniques , 0(0), 141-161, 2016, IGI Global	2016
37.	R. Rathipriya, K. Thangavel, -, Hybrid Swarm Intelligence-Based Biclustering Approach for Recommendation of Web Pages, Emerging Research on Swarm Intelligence and Algorithm Optimization, 0(0), 161-180, 2015, IGI Global	2015