DC MEMBER Details:

Dr. S. Sudha
Professor & Head, CSE
NIT Trichy, 620015.
email: sudha@nitt.edu

Publication Details:

S.No	Title	Cited by	Year of Publication
1.	M Meenalochani, N Hemavathi, S Sudha,"Performance analysis of iterative linear regression-based clustering in wireless sensor networks"IET Science, Measurement & Technology 14 (4), 423-429.		2019
2.	DU Maheswari, S Sudha, M Meenalochani,"Fuzzy based adaptive clustering to improve the lifetime of wireless sensor network"China Communications 16 (12), 56-71.		2019
3.	N Hemavathi, M Meenalochani, S Sudha,"Influence of received signal strength on prediction of cluster head and number of rounds",IEEE Transactions on Instrumentation and Measurement 69 (6), 3739-3749	1	2019
4.	S Sudha, S Priyanka, G Nithya, L Gigija,"A Novel Implementation for Radio Resource Allocation on Mobile Access Based on Cognitive Radio Network",International Journal of Advanced Scientific Research & Development (IJASRD).		2019
5.	DU Maheswari, S Sudha,"Node degree based energy efficient two-level clustering for wireless sensor networks", Wireless Personal Communications 104 (3), 1209-1225.	8	2019
6.	M Meenalochani, S Sudha,"Jammed node detection and routing in a multihop wireless sensor network using hybrid techniques",Wireless Personal Communications 104 (2), 663-675.	2	2019

7.	K Rajbabu, H Srinivas, S Sudha,Industrial information extraction through multi-phase classification using ontology for unstructured documents,Computers in Industry 100, 137-147	7	2018
8.	KA Sathish, S Sudha,"Hardware realization of fuzzy logic driven PWM controller for a cold storage system 2017",2nd IEEE International Conference on Recent Trends in Electronics.	1	2017
9.	CD Gracia, S Sudha,"Adaptive clustering of embedded multiple web objects for efficient group prefetching", Arabian Journal for Science and Engineering 42 (2), 715-724.	2	2017
10.	S Sudha ,"Shopping Orientation and Fashion Orientation of Teenage Consumers towards Patronage Intention with Respect to Tirupur",International Journal of Control Theory and Applications.		2017
11.	S Sudha ,"Approaches and Knowledge Allocation Activity Among Government Employees-Ajizen Model Approach" ,International Journal of Control Theory and Applications.		2017
12.	CD Gracia, MD Anand, S Sudha ,"Prefetching in information superhighway—a retrospective study", KD Kumaracoil Int J Pure Appl Math 116 (22), 187-204.	1	2017
13.	AS Kumar, S Sudha,"Design of wireless sensor network based fuzzy logic controller for a cold storage system 2016", IEEE 7th Power India International Conference (PIICON), 1-6.	3	2016
14.	DU Maheswari, M Meenalochani, S Sudha,"Influence of the cluster head position on the lifetime of wireless sensor network—A case study 2016, 2nd International Conference on Next Generation Computing Technologies.	6	2016
15.	N Hemavathi, S Sudha,"A novel regression based clustering technique for wireless sensor networks,Wireless Personal Communications 88 (4), 985-1013.	10	2016

16.	CD Gracia, S Sudha,"ART2 Clustering of Multiple Web Objects for Qualitative Web Prefetching",Applied Artificial Intelligence 30 (5), 475-493	1	2016
17.	CD Gracia, S Sudha,"A case study on memory efficient prediction models for web prefetching",2016 International Conference on Emerging Trends in Engineering, Technology.	3	2016
18.	M Meenalochani, S Sudha,"Fuzzy based estimation of received signal strength in a wireless sensor network",Proceedings of the Third International Symposium on Women in Computing .	3	2015
22.	SK Nagpal, S Sudha,"Two-level fuzzy based fire prediction scheme using wireless sensor network",2015 Second International Conference on Advances in Computing .	5	2015
23.	SK Nagpal, S Sudha,"Design and development of a sensor node to monitor and detect change in internal parameters of a cold storage system",2015 Global Conference on Communication Technologies (GCCT), 745-748.	5	2015
24.	K Rajbabu, S Sudha,"A novel rule-centric object oriented approach for document generation,Computers in industry 65 (2), 235-246.	1	2014