Thiagarajar College of Engineering, Madurai-625015
Department of Computer Science and Engineering

Publication details for the Academic Year 2016-17

SNO	Faculty	Title of the Paper	Publication details
		JOURNALS	
1.	Dr.P. Chitra, Dr.R. Karthikeyan	Novel power reduction framework for enhancing cloud computing by integrated GSNN scheduling method	Cluster Computing, Elseveir, pp.1-12, 2017.
2.	Dr.T.Manikandan Dr.N.Kamaraj Mr.S.Rakesh Kumar Ms.N.Gayathri	Mitigation of malicious nodes in manet using sequence number based detection mechanism	Journal of Computational and Theoretical Nanoscience, Voume-13, issue-8, pp.4956-4963, 2016.
3.	Dr.R.Leenasri Dr.N.Balaji	Speculation based decision support system for efficient resource provisioning in cloud data center	International Journal of Computational Intelligence Systems, Volume-10, issue-1, pp. 363-374, 2017.
4.	Dr.Maya Mohan Dr.M.K.Kavithadevi	Privacy preserving non-interactive proof of assets for bitcoin exchanges	Applied Mathematics & Informat International Journal, Volume-11, iss 758, May 2017.
5.	Dr.G. S. R. Emil Selvan Ms.N Gayathri Mr.S Rakesh Kumar Mr.Ankush Rai Mr.R Jagadeesh Kannan	Advanced encryption and extended authentication for wireless local area networks	Asian Journal of Pharmaceutical and Clinical Research, 2017.
6.	Dr.G. S. R. Emil Selvan Ms.N Gayathri Mr.Ankush Rai Mr.R Jagadeesh Kannan	Energy aware zone routing protocol for manet	Asian Journal of Pharmaceutical and Clinical Research, 2017.
7.	Dr.N. Shivakumar Dr.N. Balaji	K-means clustering algorithms to compute software effort estimation	Journal of Computational and Theoretical Nanoscience Volume-13, issue-10, pp.1–6, 2016.

8.	Mr.M. P. Ramkumar Dr.Balaji Narayanan Dr.G. S. R. Emil Selvan Ms.M. Ragapriya	Single disk recovery and load balancing using parity declustering	Journal of Computational and Theoretical Nanoscience Volume-13,pp. 1–6, 2016.
9.	Dr.C.Deisy Dr.K. Arul Deepa	Statistical pair pruning towards target class in learning-based anaphora resolution for Tamil	International Journal of Advanced Intelligence Paradigms, volume-9, issue-5/6, pp.437-463,2017.
10.	Dr. S. Sudha Mr.R.Balaji Mr.R.Balajirathinam Mr.P.Hariharan	Next generation sequencing analysis for salmonella flic gene	International Journal of Advances In Cloud Computing and Computer Science Volume-3,Issue-3, pp. 2454-4078, 2017.
11.	Dr.M.K.Kavitha Devi Dr.S.Vairachilai Mr.M.Raja	Alleviating the cold start problem in recommender systems based on modularity maximization community detection algorithm	Circuits and Systems, Volume-7, issue-8, Pp. 1268-1279, June 2016.
12.	Dr.G. S. R. Emil Selvan Dr.M P Ramkumar Dr.Narayanan Balaji Ms.M Ragapriya	Single disk recovery and load balancing using parity declustering	Journal of Computational and Theoretical Nanoscience, volume-14, issue-1, pp.545-550, 2017.
13.	Mr.V. Vignarajananth Ms.K. Usharani Mr.D. Velmurugan	A Survey on software effort estimation	International Conference on Electrical, Electronics, and Optimization Techniques, November 2016.
14.	Dr. C. Deisy Mrs.K. Murugeswari Mr.G. Ganesan	A Novel approach to data hiding scheme	International Journal of Advanced Engineering Technology, Volume 7, Issue 2, pp No. 454-456, June 2016.
15.	Dr.M.K.Kavitha Devi Dr.S.Vairachilai Mr.M.Raja	Analysis of statistical and structural properties of complex networks with random networks	Applied Mathematics & Information Science International Journal, Volume-1, pp.137-146, Jan 2017.
16.	Dr.N. Shivakumar Dr.N. Balaji Mr.K. Anantha Kumar	A Comparative analysis of algorithmic and soft computing techniques in estimating software effort	Asian Journal of Information Technology, volume-15, issue-7, pp. 1207 – 1212, 2016.

17.	Dr.N.Shivakumar Ms.M.Kowsalya Ms,H.Oormiladevi	Analogy based software project effort estimation using projects clustering	International Journal of Scientific and Research Publications, Volume 7, Issue 4, pp. 2250 -3153, April 2017.
18.	Dr.N. Shivakumar Dr.N. Balaji Mr.K. Anantha Kumar	A Neural fuzzy algorithm to compute software effort estimation	Global Journal of Computer Science and Technology: C Software and Data Engineering, Volume-16,Issue-1,2016.
19.	Dr.P.Chitra Mr.K.Senthil	Distributed query processing in cloud using canonicalization approach	WSEAS Transactions on Computers, Volume-15,2016.
20.	Mrs.Raja Lavanya Dr.G.Vinoth Chakkaravarthy Dr. P.Alli	Cost effective multicast-unicast based key management for secure group Communication	Advances In Natural and Applied Sciences, Volume-10, Issue- 13, pp. 9-21 , September 2016.
21.	Dr.S.Karthick, Ms.S. Umabharathi Ms.S. Kavyasaroja, Dr.S.MercyShalinie	Parallelization and dimensionality reduction for hierarchical document clustering, conference on semantics based information retrieval	NIT Trichy International Conference, June, 2016.
22.	Dr.S. Sridevi, Dr.S. Parthasarathy Dr.S. Rajaram	An Effective prediction system for time series data using pattern matching algorithms	International Journal of Industrial Engineering, volume-25, issue-2, pp.123-136, 2018.
23.	Dr.T.Manikandan Dr.N.Kamaraj Mr.S.Rakesh Kumar Mr.J.Gautham	Avoidance of black hole attack using enhanced OLSR with ABHA algorithm	Asian Journal of Information Technology, Volume-15, Issue-8, 2016.
24.	Mr.V.Vignarajananth Dr. S. Srinivasan	Empirical based effort estimation on story point	Journal of Computational and Theoretical NanoScience, Aug 2016.
BOOKS & BOOK CHAPTERS			
25.	Dr.M.K.Kavitha Devi Dr.J.Hemalatha	Effective recognition of stereo image concealed media of interpolation error with different expansion	IGI Global Publishing, 2016.

26.	Dr.M.K.KavithaDevi Ms.K.Indhrasudhakar	Resource scheduling for big data on cloud: scheduling resources	IGI Global Publishing, pp.157-165, 2016.
		CONFERENCES	
27.	Dr.M.K.Kavitha Devi Dr.Maya Mohan Mr.Jeevan Prakash V	Improved classical cipher for healthcare applications	6th International Conference on Advances In Computing & Communications, volume-93, pp.742-750, 6-8 September 2016, Cochin, India
28.	Dr.S. Mercy Shalinie Dr.S. Karthick Ms.S. Umabharathi Ms.S. Kavyasaroja	Parallel hierarchical subspace clustering for segmenting large text corpuses	International Conference on Trends In Electronics and Informatics, pp.1-6, 2017.
29.	Dr.C. Senthilkumar Ms.N. Nandhini	Implementing cooperative bait detection approach for defending against collaborative black hole and gray hole attacks in Manets	Proceedings of The International Conference on Science and Innovative Engineering 2017 02nd April 2017, Chennai, India
30.	Mrs.M. Suguna Dr.S. Mercy Shalinie	Privacy preserving data auditing protocol for secure storage in mobile cloud computing	IEEE International Conference on Wireless Communications, Signal Processing and Networking, pp.2725-2729, March 2017.
31.	Mr.K.Narasimma Mallikarjunan Dr.S.Prabavathy Dr.K.Sundarakantham Dr.S.MercyShalinie	Model for cyber attacker behavioural analysis	IEEE Workshop on Computational Intelligence: Theories, Applications and Future Directions, pp. 1-4 ,14-17 June 2016.
32.	Mrs.Raja Lavanya Ms.A.Divya Ms.A.M.Abirami Ms.C.V.Nisha Angeline	Active learning environment for achieving higher-order thinking skills in engineering education	IEEE 4th International Conference on Moocs, Innovation and Technology in Education, pp.47-53, 2016.
33.	Dr. S. Padmavathy Ms.N. Soundarya	Dynamic resource provisioning and monitoring for cloud computing	IEEE International Conference on Intelligent Techniques In Control, Optimization and Signal Processing, pp.1-6, 2017.

34.	Ms.A.Malini Dr.K.Sundarakantham Ms.S. Sindhiya	A Survey on performance of android smartphone: software and hardware	Proceedings of 6th National Conference on Communication Technologies ,2017.
35.	Dr.S.Sridevi Ms.G.Mahalakshmi Dr.S.Rajaram	A Survey on forecasting of time series data	IEEE International Conference on Computing Technologies and Intelligent Data Engineering, 2016.
36.	Mrs.A.Malini Ms.S. Sindhiya Dr.K.Sundarakantham Ms.A.Bhavithrachelvi	Stimulating the application re-launch through non-volatile memory using WS clock evictor	2017 International Conference on Innovations In Information Embedded and Communication Systems
37.	Mrs.B.Subbulakshmi Dr.C.Deisy Ms.B.Dharini	Recent weighted maximal frequent itemsets mining	International Conference on I-SMAC (IOT In Social, Mobile, Analytics and Cloud), pp.391-397 , 2017.
38.	Mrs.B.Subbulakshmi Dr.C.Deisy Ms.B.Dharini Ms.M.Monisha	An efficient algorithm for associative classification using interestingness measures	Fourth International Conference on Business Analytics and Intelligence (ICBAI 2016), 2016.
39.	Dr.C.Senthilkumar Dr.T.Manikandan Ms.P.Dharanipriya Ms.N.Nandhini	A Trust based technique for defense against dos attack using EOLSR in Manet	2nd International Conference on Recent Trends In Engineering and Technology5th and 6thmay 2017.
40.	Dr.C.Senthilkumar Ms.N.Nandhini Dr.T.Manikandan Ms.P.Dharanipriya	A Secure information retrieval using free roaming mobile agent	2nd International Conference on Recent Trends In Engineering and Technology5th and 6thmay 2017.
41.	Dr.C.Senthilkumar Mr.S.Lakshmikanth Mr.R. Karthik Raja	Smart Helmet: wearable multichannel ECG & EEG	Proceeding of 29th International Conference on Cloud Computing Computer Science and Advances In Information Technology, 2017.

42.	Mrs.G Madhupriya Ms.C Shenitha	Bandwidth based artificial immune system algorithm for detecting distributed denial of service attack	St. Joseph's Institute of Technology 2nd International Conference on Recent Trends In Engineering and Technology 5th and 6th May 2017.
43.	Dr.K.Sundarakantham Dr.S.Prabavathy Dr.S.MercyShalinie	EPIDS: Energy efficient privacy preserving intrusion detection system for internet of things	International Conference on IOT, Data Science and Security, Jan 2017, PSG College of Technology.
44.	Mrs.M.Nirmala Devi Ms.A.Priya	Invoicing and Analytics for small and micro manufacturing enterprises	Fifth International Conference on Recent Trends In Information Technology, pp.1-7 , 2016.
45.	Dr.P.Chitra Ms.B.Rasina Begum	Deduplication systems with robust security for cloud storage	International Conference on Computing Technologies, March 2017.
46.	Dr.P.Chitra Ms.A.Dhivya	An Authentic trust assessment framework for cloud	International Conference on Computing Technologies, March 2017.
47.	Dr.P. Chitra Mr.R.Suraj	PT-BAR: Prioritized thermo-buffer based adaptive routing protocol for network-on-chip	6th International Conference on Advances In Computing & Communications, volume-93,pp.324-35, 6-8September 2016, Cochin, India.
48.	Dr. R. Leena Sri Ms. S. Nithya	A Survey on resource provisioning techniques and workload classification of resources in cloud	2016 International Conference on Engineering and Technology (Icet)
49.	Dr.S.MercyShalinie Ms.P.Mohanapriya	Restricted Boltzmann machine based detection system for ddos attack in software defined networks	4th International Conference on Signal Processing, Communications and Networking, pp.1-6,March 16 – 18, 2017, Chennai, India
50.	Dr.S. Mercy Shalinie Mrs.R.Nagarathna	SLAMHHA: a supervised learning approach to mitigate host location hijacking attack on SDN controllers	2017 Fourth International Conference on Signal Processing, Communications and Networking, pp.1-7,March 16 – 18, 2017, Chennai, India
51.	Dr.S. Mercy Shalinie, Mrs.P.Vimala Rani	Efficient cache distribution using hash-routing schemes and nodal clustering for information centric network	2017 4th International Conference on Signal Processing, Communications and Networking, March 16 – 18, 2017, Chennai, India

52.	Dr.T.Manikandan Ms.P.Dharanipriya Dr.C.Senthilkumar Ms.N.Nandhini	A trust based technique for defense against DOS attack using EOLSR in manet	2 Nd International Conference on Recent Trends In Engineering and Technology, pp.1-6, 5th and 6th May 2017.
53.	Dr.C.Senthilkumar Ms.N.Nandhini Dr.T.Manikandan Ms.P.DharaniPriya	A secure information retrieval using free roaming mobile agent	Second International Conference on Recent Trends in Engineering and Technology 5 and 6 May 2017.