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

Publication details for the Academic Year 2015-16

S.NO	Faculty	Title of the Paper	Publication details
JOURNALS			

S.NO	Faculty	Title of the Paper	Publication details
1.	Dr.P.Chitra Mr.P.Kamaraj Pandian	HJSA: A hierarchical job scheduling algorithm for cost optimization in cloud computing environment	Economic Computation and Economic Cybernetics Studies and Research, volume-50, issue-2, 2016.
2.	Dr.K. Sundarakantham Mrs.A. Avelin Diana Dr.S. Mercy Shalinie	Alleviation of binding update re-registration handoff latency at home agent failure in mipv6 network	International Journal of Computers Communications and Control, volume -10, issue-4, pp. 463-470, 2015.
3.	Mrs.Raja Lavanya Dr.Alli Periyakaruppan Mr.Vinoth Chakkaravarthy Mr.Ganesan	Cost-effective polynomial-based multicast–unicast key distribution framework for secure group communication in ipv6 multicast networks	IET Information Security, volume-10, issue-5, 2016.
4.	Dr.S.Padmavathi Mr.A.ArokiaBazil Raj	Quality metrics and reliability analysis of laser communication system	Defence Science Journal, volume-66, issue-2, 2016.
5.	Mrs.B.Subbulakshmi Mr.S.Vinoth	Mining of class association rules using a parallel approach	International Journal of Applied Engineering Research (IJAER), volume -10, issue-20, 2015.
6.	Dr. M. Vijayalakshmi Dr.S. Mercy Shalinie	UDP based IP traceback for flooding DDOS attack	The International Arab Journal of Information Technology, volume-15, issue-3, 2018.
7.	Dr. R. Leena Sri Ms.B. Lakshmipriya Dr.N. Balaji	A Novel approach for performance and security enhancement during live migration	Indian Journal of Science and Technology, volume- 9, issue-4, 2016.
8.	Dr.C.Deisy Dr.K.Arul Deepa	Anaphora resolution in Tamil through decision tree learning challenge and tackles	International Journal of Advanced Engineering Technology, volume-7, issue-1, pp. 533-538, 2016
9.	Dr.C.Deisy Dr.Diana Moses	M-CADE: AMobile based cardiovascular abnormality detection engine using efficient multi-domain feature combinations	Intelligent Data Analysis volume-20, pp. 575–596, 2016.

10.	Dr.S.Rajaram Dr.S.Sridevi Ms.V.VeeraAnusya Ms.Mahalakshmi	Prediction of time series data using SVM and ARMAX	International Journal of Applied Engineering Research, volume-10, issue-20,2015.
11.	Mrs.M. Nirmala Devi Dr. Appavu Alias Balamurugan Ms.M. Reshma Kris	Developing a modified logistic regression model for diabetes mellitus and identifying the important factors of type IIDM	Indian Journal of Science and Technology, volume – 9, issue-4, pp.4, 2016.
12.	Mr.S.Prasanna Ms.S.ShanmugaPriya Dr.N.Balaji	Group key distribution using authentication based broadcast encryption	Asian Journal of Information Technology, volume - 15, issue – 20, pp. 4002-4010, 2016.
13.	Dr.T.Manikandan Ms.N.Gayathri Mr.S.Rakesh Kumar	Recognition and removal of black hole attack for secure communication in Manets	International Journal of Scientific Research In Science, Engineering and Technology, volume-1, issue-6, pp.60-67, 2015.
14.	Dr.Karthick Seshadri Dr.S. Mercy Shaline Mr.Chidambaram Kollengode	Design and evaluation of a parallel algorithm for inferring topic hierarchies	Information Processing and Management, Elseveir, Volume-51, issue-5, 2015, Pp. 662 - 676 .2015.
15.	Dr.S.MercyShalinie Ms.P.MohanaPriya	Restricted boltzmann machine based cognitive protocol for secure routing in software defined wireless networks	IET Networks, volume-6, issue-6, pp.162-168, 2015.
16.	Dr.S.Padmavathi Mr.A.ArokiaBazil Raj Mr.Lancelot James Paul	Performance analysis of free space optical communication in open atmospheric turbulence conditions with beam wandering compensation control	IET Communications, pp.1-8, 2016.
17.	Dr.S.Padmavathi Mr.A.ArokiaBazil Raj	Statistical analysis of accurate prediction of local atmospheric optical attenuation with the new model according to weather together with beam wandering compensation system: A system wise experimental investigation	Journal of Modern Optics, Taylor and Francis, volume-63, issue-13, pp.1286-1296, Feb 2016.
18.	Dr.P.Chitra Ms.P.Priyanka Ms.R.Lakshmi Dr.B.Sathyabama	Circular averaging filter based salient object detection for historical monuments	International Journal of Applied Engineering Research, 2015.

19.	Mr.R. Chellamani Ms.T. Tharani	Dynamic load balancing on deadline task in gridsim on computational grid authors	South Asian Journal of Engineering and Technology Volume-2, issue-15, pp.1–11, 2016.
20.	Ms.Kiruthika Subramanian Dr.Preetha Gunasekaran Dr.S. Mercy Shalinie	Two layer defending mechanisms against DDoS attacks	The International Arab Journal of Information Technology, Volume-12, Issue-4, July 2015.
BOOKS & BOOK CHAPTERS			
21.	Mrs.B.Subbulakshmi Ms.A. PeriyaNayaki Dr.C.Deisy	Frequent itemset mining in the elimination of null transactions over data streams	Artificial Intelligence and Evolutionary Algorithms in Engineering Systems, Advances in Intelligent Systems and Computing 325, pp.353-361, Springer 2015.
22.	Dr. M. Vijayalakshmi Dr.S. Mercy Shalinie Ms.N.Nithya	A Novel algorithm on IP traceback to find the real source of spoofed IP packets	Artificial Intelligence and Evolutionary Algorithms in Engineering System, Advances in Mercy Systems and Computing, pp.79-87, Springer 2015.
23.	Dr.P.Chitra Mr.R.Suraj Ms.S.Madhumitha	Evaluation of worst-case execution time of tasks on multi-core processors	Artificial Intelligence and Evolutionary Algorithms in Engineering Systems, pp-441-448 Springer 2015.
24.	Dr.S. Mercy Shalinie Mrs.Nagarathna Ravi	An Intelligent prototype to lay the road to secure next generation networks	Digital Forensics, CSI Communications, Volume-39, Issue-12, March 2016.
25.	Dr.S. Sudha Dr.S. Baskar Ms.S. Miruna Joe Amali Mr.S. Krishnaswamy	Protein structure prediction using diversity controlled self-adaptive differential evolution with local search	Soft Computing (2015), volume – 19, issue-6, pp.1635–1646, Springer 2015.
26.	Dr.C. Senthil Kumar Dr. N. Kamaraj Mr. S. Rakesh Kumar	Mitigation of black hole attack using trusted AODV	Australian Journal of Basic and Applied Sciences, Volume 9, Issue 23, July 2015, Pp No. 596-603.
CONFERENCES			
27.	Dr. S. Padmavathi Mr.E. Ramanujam	Naïve Bayes classifier for ECG abnormalities using multivariate maximal time series motif	Procedia Computer Science, Elseveir, Volume-47 , pp. 222 – 228, 2015.

28.	Dr.K.Sundarakantham	Model for cyber attack behavioural analysis	IEEE Workshop on Computational Intelligence: Theories, Applications and Future Directions Date of Conference: 14-17 Dec. 2015
29.	Dr.KarthickSeshadri Dr.S. Mercy Shalinie	Parallel algorithms for merging topic trees and their application in meta search engines	Proceedings of the Second ACM IKDD Conference on Data Sciences, pp. 114-115. ACM, 2015.
30.	Mr.V. VignarajAnanth Dr.S. Muthuramalingam Mr.M. Sathish Kumar	An Energy Conserving topology maintenance algorithm in Manets	3rd International Conference on Eco-friendly Computing and Communication Systems, pp.110-115, 2015.
31.	Mrs.B.Subbulakshmi Ms.M.Monisha	Incremental constraint class association rule mining of student performance dataset	Fifth International Conference on Recent Trends in Information Technology, pp.1-5, 2016.
32.	Dr. S. Padmavathi Ms.V.P. Dharani Ms.S. Maithrreye Ms.M. Manasa Devi Dr. S. Durairaj	Multi – agent framework for cloud service composition	Proceedings of ICETETS 2016, Kings College of Engineering, Thanjavur, India, pp.1-5, 24 – 26 February 2016.
33.	Mrs.B.Subbulakshmi Ms.M.Monisha	Associative classification using itemset constraints for incremental data	2016 National Conference on Research Challenges In SMAC
34.	Dr. G.S.R. Emil Selvan Ms.S. Priyadharshini Ms.R.M. Saraswathi Ms.N. Gayathri	Power aware routing protocols in manet	National Conference on Research Challenges In SMAC, TCE, Jan 2016
35.	Mr.K. Narasimha Mallikarjunan Ms.K.MuthuPriya Dr.S.MercyShalinie	A survey of distributed denial of service attack	International Conference on Intelligent Systems and Control, pp.1-6, Jan 2016.
36.	Dr.M.K.Kavitha Devi Dr.Maya Mohan Mr.Jeevan Prakash V	Exponential simplification using Euler's and Fermat's theorem	International Conference on Information Security & Privacy (Icisp2015), volume-78, pp.714-721, 11-12 December 2015, Nagpur, India

37.	Mr.M. Sivakumar Ms.R. Yogeshwari	A survey on content based image retrieval	National Conference on Research Challenges In Smac, Thiagarajar College of Engineering, Jan 2016
38.	Mrs.RajaLavanya Ms.Madhubala	A Survey on key management technique in secure cloud storage	International Conference on Design and Applications of Structures, Drives, Communicational and Computing Systems, 2015
39.	Mrs.Rajalavanya Dr.G.Vinoth Chakaravarthy Dr.P.Alli	A Cost effective de-centralized subgroup key management framework for secure ipv6 multicast communications	National Conference on Recent Trends in SMAC Conference, 2016
40.	Dr.S. Mercy Shalinie Ms.P. Mohanapriya Mr.Tulika Pandey	Restricted Boltzmann machine based energy efficient cognitive network	Proceedings of The 6th International Conference on Innovations In Bio-inspired Computing and Applications (Ibica 2015) Held In Kochi, India, pp.463-472, During December 16-18, 2015.
41.	Mr.S.Prasanna Dr.N.Balaji Ms.Archanagayathri	Routing attacks & their defences for wireless sensor networks in the IOT	6th International Conference on Science and Innovative Engineering, 2016.
42.	Dr.S.Rajaram Dr.S.Sridevi Ms.G.Mahalakshmi	Forecasting of time series data using improved particle swarm optimization	Third International Conference on Bai Conducted By IIM Bangalore, 2015.
43.	Ms.A.Saraswathi Dr.S.Padmavathi Ms.R.A.Kalasri	Dynamic resource allocation scheme in cloud computing	International Conference on Graph, Algorithms, High Performance Implementations and Applications, Elseveir, volume-47, pp.30-36, 2015.
44.	Dr. S. Padmavathi Ms.Ramya	Efficient hierarchical algorithm for document clustering using spherical K – means in cloud storage	1st International Conference on Recent Trends In Engineering and Technology, 28th and 29th April 2016.

45.	Dr.S.Sudha Ms.T.M.Gayathri Devi Mr.P.Suraj	Artificial neural networks in retinal image analysis	3rd International Conference on Signal Processing, Communication and Networking, pp.1-6, 2015.
46.	Dr.S.Sudha Ms.T.M.Gayathri Devi Mr.P.Suraj	Glaucoma detection from retinal images	IEEE Sponsored Second International Conference on Electronics and Communications Systems, pp.423-428, 2015.