Publications of the Department during the Assessment Years

a. 2018-2019


29. R. Vignesh, B. Keerthi Samhitha, C M Suja. “ Privacy preserving ride scheme with Global social Network for vehicle using Big data” in IJST, Web of Science in June 2018


41. S. Jancy, Dr. C. Jayakumar. (2018), Sequential statistical Code based data compression algorithm algorithm for WSN ” Conference. GCMT.

42. S. Jancy, Dr. C. Jayakumar. (2018)” Reliable Cluster head Selection Methodology for WSN Conference. ICRDET.


54. Suja Cherukullapurath Mana, B Keerthi Samhitha, Jithina Jose “Moving towards Green Internet ofThings: A Short Survey on Various Energy Saving Techniques” in IJET October 2018

55. R. Vignesh, B. Keerthi Samhitha, C M Suja. “ Privacy preserving ride scheme with Global social Network for vehicle using Big data” in IJST, Web of Science in June 2018


91. R.Revathy, Dr.R. Aroul canessane,“IoT Based Decision Making System to Improve Veracity of Big Data” International Journal of Engineering & Technology, 7 (3.1) (2018) 63-65
90. J. Refonaa; M. Lakshmi2017 International Conference on Computation of Power, Energy Information and Communication (ICCPEIC)Year: 2017Pages: 142 - 144
94. R.Revathy, “REVIEW OF BIG DATA ANALYTICS FOR PYTHON PROGRAMMING LANGUAGE AND TOOL” in International Conference , Vol2.no 1March 2018ISSN: 2456-8619
95. R.Revathy, R.Priyadharshini “REVIEW ON BIG DATA ANALYTICS IN DISTRIBUTION OF POWER SYSTEMS” in journal of computation and theoretical Nanoscience,yet to publish


109. R. Vignesh, Ms.Suja Cherukullapurath Mana, Keerthi Samhitha and S.Divya “Privacy-Preserving Ride Sharing Scheme with Global Social Network for Vehicles Using Big Data”Indian journal of science& Technology (INDJST) Volme 11(21), 4 June 2018

110. Ms.Suja Cherukullapurath Mana “A Feature Based Comparison Study of Big Data Scheduling Algorithms” Proceedings of IEEE ,September 2018

111. R.Vignesh,Ms.Suja Cherukullapurath Mana,Ms.B.Keerthi Samhitha,Ms.Divya S “Examining and Sensing Artificial Knee using Multi Sensor Networks”, Proceedings of 2nd Global Conference on Computing and Media Technology ,November 2018


123. Vignesh.R, Suja Cherukullapurath Mana, Keerthi Samhitha, Divya S “Privacy-preserving Ride Sharing Scheme with Global Social Network for vehicles using Big Data”, published in INDJST (Index in WoS(Zoological Record)).


126. S, Shivani Mangaleswaran, Machine Learning algorithms for the prediction of the survival rates of post-chemotherapeutic patients, CBMH 2017, 10\textsuperscript{th} October 2018, Sathyabama Institute of Science & Technology


129. Enhancing Enterprise Security Using SIEM and SOAR”, Accepted for publishing in International journal of project organisation and management (Inderscience).


154. Viji Mary, A., Justin Samuel, S., A novel technique to secure the acute myocardial infarcta images by the enhancement of privacy level (2018),Biomedical Research (India),vol.29 no. 1 pp.15-21.
b. 2017-2018


28. Ananditha Iyer, Preeti, B. Bharathi (2018), “Prodrive – A pendrive that provides data security and pendrive tracking “, Accepted for publication in Mathematical modeling of engineering ISSN 2369-0739


111. R. Nimesh, P. Veera Raghava, S. Prince mary, “A survey on Opinion mining and sentiment analysis” NCEVENT -18, Sathyabama Institute of Science and technology.

112. Dr. S. Prince Mary, Dr. B. Bharathi, Bayana Venkata Sai Ujwala, Ravi Laxmipriya, “Navigation Assistance Using An Umbrella” NCEVENT -18, Sathyabama Institute of Science and technology.


152. J.S.Vimali (2018), “Integration of Multi Access Control System with Door, Device & Location Automation & Remote Network Control”, in the proceedings of International Conference for Phoenixes on Emerging Current Trends in Engineering And Management (PECTEAM 2KI8), Panimaiar Engineering College, Chennai, TamilNadu, India on 9th & 10th Feb 2018 at pp 177-182 (Yet to be indexed).


154. A. Yovan Felix, A. Jesudoss, J. Albert Mayan,” Entry and exit monitoring using license plate recognition “2017 IEEE International Conference on Smart Technologies and


C. 2016-2017


4. Dr. R. Joseph Manoj, Dr. Adlin Sheeba, M. D. Anto Praveena, “USER BEHAVIOR BASED TRUST ESTIMATION FOR WEB SERVICE ACCESS CONTROL MODEL, Vol 7, No. 1, Apr-2016, 791-796. E-ISSN 0976-3945


53. Ankayarkanni.B and A. Ezil Sam Leni(2016), "GABC based neuro-fuzzy classifier with multi kernel segmentation for satellite image classification.", Biomedical Research: Special Issue: S158-S165, ISSN 0970-938X.


68. S. Bhanumathi and P. Sakthivel (2016), “Indian Medicinal Plants for Diabetes: Text Data Mining the Literature of Different Electronic Databases for Future Therapeutics”, Biomedical Research, Special Issue on Health Science and Bio Convergence Technology, pp. 5430-5436, ISSN 0970-938X.


100. Samuel, J., Dhilsath Fathima, M., Privacy preserving multi-party hierarchical clustering over vertically partitioned dataset using semi-honest model (2016), International Journal of Pharmacy and Technology, vol.8 no. 3 pp.15382-15394. doi:


111. Sundharam, R., Lakshmi, M., Queueing model approach for enhancing qos of web services, (2016), Journal of Theoretical and Applied Information Technology, pp.142-150


120. Maria Anu, V., AroulCanessane, R., MaryGladence, L. “Optimization of query processing time using Taguchi method for RFID data management” Indian Journal of Science and Technology ISSN: 0974-6846 Vol.9,Issue 25,July


123. Mohana Prasad K, Manalina "Effective Clusters Culled Out Through Algorithmic Implementations"

124. Mohana Prasad K, Premalatha M, "Domain based clustering analysis technique for huge datasets"

125. Mohana Prasad K, Seetharaman, J., Prince, J.K., "Modified incremental affinity propagation clustering based on client server access transfer"

126. Mohana Prasad, K., Sabitha, R., Oviya, "An efficient clustering formulation from resemblance in extant algorithms"


133. Balamurugan, V., MuthuKumar, B., K-nearest neighbor categorization on secure data access in cloud (2016), International Journal of Pharmacy and Technology, vol.8 no. 1 pp.10716-10724. doi:


168. “Balancing Workload of Cloud and Dynamic Request Redirection for Cloud Based Video Services Using CDN and Data Centers November – December 2016 RJPBCS 7(6) Page No. 1406-1411 ISSN: 0975-8585


240. Data veracity verification and cryptography algorithm for health care systems using cloud technologies International Journal of Pharmacy and Technology- 2016
241. Location awareness search in medical health care system using semantic technologiesInternational Journal of Pharmacy and Technology -2016
244. Sasipraba, T., Brijitta, J., Chennakesavulu, K., Preface (2016),Materials Today: Proceedings,vol.3 no. 6 pp.1303-.

