



Department of Information Technology

List of Journal publications and Conference presentations (2016-17)



International Journal

1. **D. Logeshwari**, Anandha Mala, "Multichannel Speech Processing and Separation Using Hybridized K-Superset Heuristic Algorithm", Asian Journal of Information Tech, Vol. 15, No.23, pp.4770-4782, Dec2016. (Print ISSN: 1682-3915, E-ISSN: 1993-5994, SJR Impact Factor: 0.11, doi: 10.3923/ajit.2016.4770.4782)
2. **P. Kalaivani**, K.L.Shanmuganathan, "Feature Selection based on Genetic Algorithm and Hybrid Model for Sentiment Polarity Classification", International Journal of Data Mining, Modelling and Management, Vol. 8, No. 4, pp. 315-329, Dec 2016. (Print ISSN: 1759-1163, E-ISSN- 1759-1171, SJR Impact Factor: 0.21, UGC: 2837)
3. M.D. Anto Praveena, **R. Joseph Manoj**, "A Web Services Authentication System based on Web Server Log Analysis", International Journal of Pharmacy and Technology, Vol. 8(3), pp. 4545-4557, Sep 2016. (ISSN: 0975-766X, SJR Impact Factor: 0.12)
4. **S. Duraimurugan**, P. Jesu Jayarin, "Resource Allocation for Video Streaming using Channel Condition Prediction in 3G Networks", International Review on Computers and Software, Vol. 11, No. 11, pp. 959-965, Nov 2016. (Print ISSN: 18286003, SJR Impact Factor: 0.13)
5. **N. Gobalakrishnan**, C. Arun, "Opposition Learning based Grey Wolf Optimizer Algorithm for Parallel Machine Scheduling in Cloud Environment", International Journal of Intelligent Engineering and Systems, Vol. 10, No. 1, pp. 186-195, 2017. (Print ISSN: 2185-3118, SJR Impact Factor: 0.19, doi: 10.22266/ijies2017.0228.200, UGC: 22983)
6. **C. J. Raman**, Visumathi James, "Energy and Delay Reduction algorithms for Cluster based Congestion Control in Wireless Sensor Networks", Journal of Theoretical and applied Information Technology", Vol. 95, No.4, pp. 757-767, Feb 2017. . (ISSN: 1992-8645, E-ISSN: 1817-3195, SJR Impact factor: 0.16, UGC: 11368)
7. **L.Javid Ali**, G.S.Anandhamala, "An efficient Technique for Customer analysis and Categorization over Fault Tolerance in Online Transaction Processing System", International Journal of Control Theory and Applications, Vol. 9, No. 36, pp. 561-572, 2016. (Print ISSN: 09745572, SJR Impact Factor: 0.1)
8. S. Shanmuga Priyaa, VS Jeyakanthan, **C Heltin Genitha**, S Sanjeevi, "Estimation of Water-Spread Area of Singoor Reservoir, Southern India by Super Resolution Mapping of Multispectral Satellite Images", Journal of the Indian Society of Remote Sensing, Vol. 46, No. 1, pp.121-130, Mar 2017. (Print ISSN: 0255-660X, E-ISSN: 0974-3006, doi: 10.1007/s12524-017-0666-x, UGC: 11069, Impact Factor: 0.810, UGC: 11069)
9. **M.K.Kirubakaran**, N. Sankaran, "A Self-adaptive Duty Receiver Reservation MAC Protocol for Power Efficient Wireless sensor Networks", Indian Journal of Science and Technology, Vol. 9, No. 40, Oct 2016. (Print ISSN: 09746846, E-ISSN: 09745645ISSN, doi: 10.17485/ijst/2016/v9i40/97088)

International Conference

1. **C.Heltin Genitha**, M.Indhumathi, "Super Resolution Mapping of Satellite Images to Estimate the Capacity of Reservoirs around Chennai City", 37th Asian Conference on Remote Sensing, Survey Department, Sri Lanka, Oct 2016. ((ISBN: 978-1-5108-3461-3))
2. **C.Heltin Genitha**, R. Kavin Rajesh, "A Technique for Multi-Spectral Satellite Image Compression Using EZW Algorithm", IEEE International Conference on Control, Instrumentation, Communication and Computational Technologies, Noorul Islam University, pp. 781-786, 2016. (Electronic ISBN: 978-1-5090-5240-0, DVD ISBN: 978-1-5090-5239-4, Print on Demand(PoD) ISBN: 978-1-5090-5241-7, DOI: 10.1109/ICCICCT.2016.7988040)
3. R. Shiny Sharon, **R. Joseph Manoj**, "E- Health Care Data Sharing into the Clod based on DE duplication and File Hierarchical Encryption", IEEE International Conference on Information, Communication and Embedded Systems, S.A. Engineering College, Chennai, pp. 1-6, Mar 2017. (Electronic ISBN: 978-1-5090-6135-8, Print on Demand(PoD) ISBN: 978-1-5090-6136-5, DOI: 10.1109/ICICES.2017.8070739)
4. **S. Sumathi**, J. Manju, "ACO based Energy Efficiency Routing Protocol for WSN", International Conference on Advances in Robotics, Energy and Network System, Govt. College of Engineering, Salem, Mar 2017.
5. **S. Sumathi**, Michael Jeffrey Josanne, "Speech Synthesized Auto Correction based on Markov Chaining with acoustic Modelling", International Conference on Advances in Robotics, Energy and Network System, Govt. College of Engineering, Salem, Mar 2017.
6. **N. Gobalakrishnan**, C. Arun, "SIS: A Scheme for Dynamic Independent Task Scheduling in a Cloud Environment", IEEE International Conference on Control, Instrumentation, Communication and Computational Technologies, Noorul Islam University, pp. 310-316, 2016. (Electronic ISBN: 978-1-5090-5240-0, DVD ISBN: 978-1-5090-5239-4, Print on Demand(PoD) ISBN: 978-1-5090-5241-7, DOI: 10.1109/ICCICCT.2016.7987958)
7. **K. Pradeep**, Prem Jacob, "Comparative Analysis of Scheduling and Load Balancing Algorithms in Cloud Environment", IEEE International Conference on Control, Instrumentation, Communication and Computational Technologies, Noorul Islam University, pp. 618-623, 2016. (Electronic ISBN: 978-1-5090-5240-0, DVD ISBN: 978-1-5090-5239-4, Print on Demand(PoD) ISBN: 978-1-5090-5241-7, DOI: 10.1109/ICCICCT.2016.7988007)
8. **A. Linnet Princy Justina**, **A. Tamilselvi**, "Building a secure Web Application against Web attacks", International Conference Covering Research in Contemporary Engineering and Technology, Mar 2017. (ISBN: 978-81-904760-9-6.)
9. M.Karunya Keerthana, **L.Javid Ali**, "Mitigating Timing Analysis And Phishing Attacks by Balancing Load And Using Web Crawler", 2nd International Conference on Recent Trends in Engineering and Technology, May 2017.
10. M. Karunya Keerthana, **L. Javid Ali**, "Mitigating Timing Analysis Attack Using Load Balancing", International Conference on Science, Technology Engineering and Management, Mar 2017.

National Conference

1. **C. Heltin Genitha**, M. Indhumathi, "Comparison of Per-Pixel, Sub Pixel and Super Resolution Mapping Techniques to Estimate the Water Spread Area and Capacity of Reservoirs in Chennai City Using Satellite Images", Recent Advances in Earth and Atmospheric Monitoring from Space, Sathyabama, Chennai, Feb 2017.
2. **C. Heltin Genitha**, M. Indhumathi, "Techniques to estimate the reservoir water spread area and Volume using satellite images – a study", Recent Advances in Earth and Atmospheric Monitoring from Space, Sathyabama, Chennai, Feb 2017.
3. **C. Heltin Genitha**, S. Shanmuga Priyaa, M. Indhumathi, S. Sanjeevi, "Super Resolution Mapping of Satellite Images for Reservoir Studies", National Workshop on Reservoir

Sedimentation Studies, Trends and Techniques of Measurement and Analysis, Centre for Water Resources, Anna University, pp. 61-73, Feb 2017.