Department of Information Technology

List of Journal publications and Conference presentations (2014-15)

International Journal

1. **V.Muthulakshmi**, Dr.Sheela, "Web Services Metering", Research Journal of Applied Sciences, Engineering and Technology, Vol. 7, No. 2, pp. 4553-4558, June 2014. (Print ISSN: 2040-7459, E-ISSN : 2040-7467, SJR Impact factor:0.13, doi: 10.19026/rjaset.7.833)

2. **V.Muthulakshmi**, Dr.Sheela, "Web Services Billing and Accounting", Journal of Theoretical and Applied Information Technology, Vol. 65, No. 1, pp.121-129, July 2014. (ISSN: 1992-8645, E-ISSN: 1817-3195, SJR Impact factor: 0.16, UGC: 11368)

3. **P.Kalaivani**, K.L.Shunmuganathan, "Selecting Attributes for Opinion Mining in Different Domains", International Journal of Artificial Intelligence and Knowledge Discovery, Vol. 4, No. 3, pp.1-5, July 2014. (Print ISSN: 2231-2021, E-ISSN: 2231-0312)

4. **A.Tamizhselvi**, R.S.D. Wahida Banu, "Hybrid Optimization Algorithm for Geographic Routing in VANET", Journal of Theoretical and Applied Information Technology, Vol. 65, No. 2, pp. 320-326, July 2014. (ISSN: 1992-8645, E-ISSN: 1817-3195, SJR Impact factor – 0.16, UGC: 11368)

5. S. ShanmugaPriyaa, **C. Heltin Genitha**, V. S. Jeyakanthan and S. Sanjeevi, "Super-resolution mapping of hyperspectral images for estimating the water-spread area of Peechi reservoir, southern India", Journal of Applied Remote Sensing, Vol. 8, No.1, pp. 1-16, 2014. (Print ISSN: 19313195, doi.org/10.1117/1.JRS.8.083510, Impact Factor: 0.976, UGC: 21432)

6. P. Geetha and **Vasumathi Narayanan**. "Facial Expression Analysis for Content-Based Video Retrieval." Journal of Computing and Information Science in Engineering, Vol. 14, No. 4, Pp – 320-326, Sep 2014. (Print ISSN - 1530-9827, E-ISSN - 1944-7078, SJR Impact factor – 0.63,doi: 10.1115/1.4027885)

7. P. Geetha, and **Vasumathi Narayanan**, "Multi-Modal Video Summarization", International Journal of Intelligent Engineering and Systems, Vol. 7, No 3, pp. 1-9, Dec 2014. (Print ISSN- 2185310X, E-ISSN – 21853118, SJR Impact factor – 0.19)

8. **A.Tamizhselvi**, R.S.D. Wahida Banu, "Hybrid Swarm Optimization Algorithm for Geographic Routing", International Journal of Applied Engineering Research, Vol.9, No. 24, pp. 26943-26955, Dec 2015. 9 Print ISSN 0973-4562, E-ISSN 0973-9769, SJR Impact factor – 0.2, UGC: 64529)

9. **G. Logeshwari** & Anandha Mala, GS, 'Unsupervised Co-Channel Speech Separation Using Vector Quantization Based Heuristic Clustering Algorithm', International Journal of Applied Engineering Research (IJAER), ISSN 0973-4562, vol. 10, no.1, pp. 2149-2164, 2015. (Print ISSN 0973-4562, E-ISSN 0973-9769, SJR Impact factor – 0.2, UGC: 64529)

10. **G. Logeshwari**, Ayswarya, N & Anandha Mala, GS 2015, "Enhancement Of Speech In Stationary And Non-Stationary Noisy Environment", International Journal of Applied Engineering Research (IJAER), Vol. 10, No. 1, pp. 2165-2177, 2015. (Print ISSN 0973-4562, E-ISSN: 0973-9769, SJR Impact Factor: 0.2, UGC: 64529)

11. **G. Lathaselvi, Hari T.S. Narayanan**, Saswati Mukherjee, "A Characterization of Cloud Computing with reference to multitier Client-server Computing", International Journal of Applied Engineering Research (IJAER), vol. 9, No. 24, pp. 25971-25985, 2015. (Print ISSN 0973-4562, E-ISSN:0973-9769, SJR Impact factor: 0.2, UGC: 64529)

12. **L. Javid Ali,** G.S.Anandhamala, "Fault Tolerance using Credentials Management in Online Transaction Application", Indian Journal of Computer Science and Engineering, Vol. 5, No. 3, pp. 114-119, July 2014. (p-ISSN: 2231-3850, e-ISSN: 0976-5166)

International Conference

1. **G. Logeshwari**, G. Anandamala, N.Ayshwarya, "Feed-forward Back Propagations Algorithm for Feature Independent Speech Identification using ANN", Proceedings of 6th IRF International Conference on Electrical electronics and Computer Engineering, Bangalore, India, pp. 113116, ISBN:9789384209247, 1st June 2014. (ISBN:9789384209247)

2. **P.Kalaivani**, K. L. Shunmuganathan," Feature Selection based on Particle Swarm Optimization and Bagging Technique for Sentiment Classification", International Conference on Control, Instrumentation, Communication and Computational Technologies (ICCICCT 2014) , pp. 364-369, July 2014.

3. **M. K.Kirubakaran**, Dr.N.Sankar Ram, "Split – Forward RR Mac Protocol for Energy Efficient Wireless Sensor Networks", International Conference on Advanced Computing and Communication Systems, pp. 1-6, January, 2015. (Electronic ISBN: 978-1-4799-6438-3, CD-ROM ISBN: 978-1-4799-6437-6, doi**:** 10.1109/ICACCS.2015.7324111)

4. **S.Sumathi**, M.Chandrasekaran, "Solving Connectivity Issues in Wireless Sensor Networks using Anchor Nodes", International Congress on Sensor Networks, Nov 2014. ((ISBN: 978-91-929742-3-1)

5. R. Kavin Rajesh, **C.Heltin Genitha**, "A Novel Technique for Multi-Spectral Image Compression Using SPIHT Algorithm",International Conference On Advances In Engineering And Applied Sciences Icaeas-2015, April 29 2015.

6. V.S. Jeyakanthan, S. Shanmuga Priyaa, **C. Heltin Genitha** and S. Sanjeevi, 'Reservoir capacity estimation using remote sensing data – Per-pixel classification and super resolution mapping approaches', In Proceedings of International Conference on Hydrology and Watershed Management, Organized by Center for Water Resources, JNTU, Hyderabad, 29th October-1st Nov, 2014.

7. **C. Heltin Genitha**, K. Vani, "Sub-pixel Classification using FCM and FWCM Algorithms", In Proceedings of IEEE Fifth International Conference on Advanced Computing (ICoAC-2013), pp.67-71, 2013. (Print ISSN: 2377-6927; doi: 10.1109/ICoAC.2013.6921929)

8. M. Suresh Kumar, **S. Sumathi**, "Proactive fault Tolerant Topology control for Heterogeneous Wireless Sensor Networks", International Conference on Recent Trends in information Technology, 2015.