

Journal Publications:

1. P. Gayathri, P. Gowri Priya, L. Sravani, **Sandra Johnson**, and Visanth Sampath, "Convolutional Recurrent Neural Networks Based Speech Emotion Recognition", *Journal Computational Theoretical Nanoscience*, Volume 17, Number 8, 3786–3789 (August 2020)
2. **Sandra Johnson**, Geetha Ramadas, "Disruptions in the Process of Engineering Education - A Curriculum Design Perspective", *Procedia Computer Science* 172 (2020), pp. 277-282. (10.1016/j.procs.2020.05.044)
3. **Sandra Johnson**, A Jasmine Gilda, T Sethukarasi," Spatio-Temporal Dengue Prediction System using Hybrid Algorithm", *TEST Engineering & Management*, Vol. 82, pp: 14856-14860, Jan-Feb. 2020.
4. A Jasmine Gilda, A JebaSheela, **Sandra Johnson**, T Sethukarasi, "Application Engine using Blockchain Technology", *TEST Engineering & Management*, Vol: 82, pp: 8840-8844, Jan-Feb. 2020.
5. **Sandra Johnson**, Mohammed Fayaz and Hari Krishnan, "IoT based rear-end collision avoidance system in highways", *International Journal of Advanced Computer Research*, Vol 9(45), pp: 379-385,2019.
6. Infant Ujval Rex P, Kameshwareen S, Aravinth S, **Sandra Johnson**, "Fish Sniffer", *International Research Journal of Engineering and Technology (IRJET)*, Volume: 06 Issue: 03, pp:7706-7710 , Mar 2019.
7. Yokesh Kumar C R, Srikanth U, PremKumar M, **Sandra Johnson**, "Household IOT Based Air Pollution Controlling and Monitoring System using Arduino", *International Research Journal of Engineering and Technology (IRJET)*, Volume: 05 Issue: 09, pp:6922-6926 , Sep 2018.
8. Dillibai. R, **Sandra Johnson**, "An Efficient Pursuit Plan over Scrambled Information on Portable Cloud", *International Journal of Innovative Research in Computer and Communication Engineering*, Vol. 6, Issue 2, pp: 811-820, February 2018.
9. E. Bhanu, V. Kundana, S. Keerthi Reddy, **Dr. Sandra Johnson**, "Drive Now, Text Later Nonintrusive Texting - While-Driving Detection using Smartphone", *International Journal for Research in Applied Science & Engineering Technology*, Volume 6 Issue IV, pp: 162-164, April 2018.
10. Kaavya, Kamalini, Hemalatha and **Dr. Sandra Johnson**, "SteganoPIN – A secured PIN for ATMs", *International Journal of Trend in Research and Development (IJTRD)*, pp:9-11; ISSN: 2394-9333, Special Issue | NCICE-17 , February 2017.
11. **Sandra Johnson**, Felci Rajam .I and Indira .N (2013), "A Survey of Methodologies for a Secure Data Storage in a Cloud Environment", *Pensee Journal*, Vol. 75, pp. 244-252.
12. **Sandra Johnson** and S. Valli (2011), "Effective Feature Set Construction for Hot Method Prediction and Optimization", *International Journal of Computational Science and*

Engineering, Inderscience, Vol. 6, No. 3, pp. 192–205. (IF = 0.100) DOI: 10.1504/IJCSE.2011.042023.

13. **Sandra Johnson** and S. Valli (2011), “Feature Subset Selection for Hot Method Prediction using Genetic Algorithm wrapped with Support Vector Machines”, *Journal of Computer Science*, Vol. 7, No. 5, pp. 707-714. (IF = 0.020) DOI: 10.3844/jcssp.2011.707.714
14. **Sandra Johnson**, Valli Shnamugam (2010), “Category wise feature analysis in SVM-based Hot method Prediction”, *International Journal Artificial Intelligent systems and Machine learning*, Vol 2, No 7, pp. 128-134. DOI: AIML072010007.
15. **Sandra Johnson** and S Valli (2009), “Hot Method Prediction using Support Vector Machines”, *Ubiquitous Computing and Communication Journal*, Vol. 3, pp. 75-81.
16. **Sandra Johnson** and S. Valli (2010), “A Relearning Virtual Machine for Hot Method Prediction”, *International Journal of Soft Computing*, Vol. 5. No. 6, pp. 206-210. DOI : 10.3923/ijscmp.2010.206.210.

Conference Paper Presentations:

1. S.K.L. Arjun Manoj, M. Dinesh, **Dr. Sandra Johnson**, “AGRO-GAIN - An Absolute Agriculture by Sensing and Data-Driven Through IoT Platform”, *Proceedings of the International Conference on Cyber Physical Systems 25th March 2019; ICCPS 2018*.
2. S.M. Sanjula , V.Rathipriya, **Dr. Sandra Johnson**, “TECH HIGHWAY”, *Proceedings of the International Conference on Cyber Physical Systems ICCPS 2018*.
3. M Usha Rani, **Sandra Johnson** and J Martina Jenifer (2016), “Big Data, Predictive Analytics, and Data Visualization in Corrosion Engineering”, *Proceedings of the International Conference CORCON 2016*, Delhi, 2016.
4. **Sandra Johnson**, and Eunice Daphne J, (2016), “Collision Avoidance in Intelligent Vehicle System using VANET’s – A Study”, *Proceedings of the 6th National Conference on Information and Communication Engineering*, March 2016.
5. **Sandra Johnson**, G Anbumani, J. Amutha (2015), “Preserving Load Balance in Multiservice Cloud Storage”, *Proceedings of the 5th International Conference on Science and Innovative Engineering*, April 2015.
6. **Sandra Johnson** and S Valli (2008), “An Approach to Predict Hot Methods using Support Vector Machines”, *Proceeding of Advanced Computing and Communication (ADCOM 2008)*, pp. 27-31.