

**Dr. S.SURIYA B.E, M.E, Ph.D,**  
**Associate Professor,**  
**Computer Science and Engineering,**  
**PSG College of Technology,**  
**Coimbatore - 641004.**

**9442552474**

**E-Mail Id: [suriyas84@gmail.com](mailto:suriyas84@gmail.com), [ss.cse@psgtech.ac.in](mailto:ss.cse@psgtech.ac.in)**

### **LIST OF PUBLICATIONS**

#### **International Journal Publication:**

1. "Comparison of Hybrid Approaches for Improving Frequent Pattern mining", S.SURIYA, Dr.S.P.SHANTHARAJAH, Journal of Web Engineering, Volume 14, Issue no 3&4, 2015. [**Annex. I**]
2. "Enhanced Artificial Bee Colony Algorithm for Effective Frequent Pattern Mining", D.Divya, Dr.S.Suriya, International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.55, pp. 1159-1164, 2015.[**Annex. II**]
3. "Profitable Resource Allocation using Map Reduce with CURA Techniques", International Journal of Contemporary Research in Computer Science and Technology, Volume 3, Issue 1, 2017.
4. "Solving Travelling Salesman Problem using an Enhanced Ant Colony Algorithm", International Journal of Computer Sciences and Engineering, pp. 214-222, Vol.7, Issue:7, July 2019.
5. "Sentiment Analysis of Twitter Using Long Term Memory and Gate Recurrent Unit", International Journal of Scientific Research in Computer Science and Engineering, pp.1-6, Vol.8, Issue:1, February 2020.
6. Computational Linguistics Based Tamil Character Recognition System For Text To Speech Conversion", EAI Endorsed Transactions on Cloud Systems, pp1-25, Vol.6 October 2020.
7. "Lexicographic Tree for Efficient Handling of Frequent Patterns", Dr.S.Suriya, Proceedings of 2nd National Conference on Emerging Trends in Information and Communication Engineering, Cape Institute of Technology, March 23rd 2015.
8. A Novel Approach for Applying Text Mining to Analyse E-Commerce Feedback Comments", Dr.S.Suriya, IEEE International Conference on Circuit, Power and Computing Technologies, Department of Electrical and Electronics Engineering, March 19th, 2016.
9. Continuous Monitoring of Critical Patients Using Sensor Data Mining Technique ", Dr.S.Suriya, M.Petchiammal@Priyadharshini, Sixth International Conference on Emerging trends in Engineering and Technology (ICETET'16), pg. 81-85, Cape Institute of Technology, Leveingipuram, Tamilnadu, April 2016.
10. "Classification of Customers for Online Shopping using Data Mining Algorithms", International Conference on Advanced Information and Communication Technology, Karpagam College of Engineering, Coimbatore, Pg.No. 101-104, March 8th and 9<sup>th</sup> 2018.

11. "A Dynamic Approach to Control Traffic Using Sensor Cloud Infrastructure", International Conference on Advanced Information and Communication Technology, Karpagam College of Engineering, Coimbatore, Pg.No. 119-121, March 8th and 9th 2018.
12. "Missing Values and Class Prediction based on Mutual Information and Supervised Similarity", International Conference on AI, Smart City and Smart Grid Applications, PSG College of Technology, Jan 3-5, 2019. Proceedings of International Conference on Artificial Intelligence, Smart Grid and Smart City Applications in Springer Book ISSN.978-3-030-24050-9.
13. "A survey on Supervised and Unsupervised Learning Techniques", International Conference on AI, Smart City and Smart Grid Applications, PSG College of Technology, Jan 3-5, 2019. Proceedings of International Conference on Artificial Intelligence, Smart Grid and Smart City Applications in Springer Book ISSN.978-3-030-24050-9.