

Dr.Y.SURESH

Professor, Department of Information Technology,

Sona College of Technology,Salem-636005

Mobile : 9791006760

Email :sureshy@sonatech.ac.in

LIST OF PUBLICATIONS

International Journals

2010

1. **Suresh Y.**, Arumugam S., Chandrasekaran M., Senthilkumar J. and Mohanraj V. “A QSPS-PSR Approach on Differentiated TCP flows on Internet Traffic”, International Journal of Information Technology and Knowledge Management, *Vol. 2*, No. 2, pp.223-225, 2010.
2. Senthilkumar J., **Suresh Y.** and Mohanraj V. “Honey Bee Mating based Bound Time Approach for Energy minimization in Wireless Sensor Networks”, International Journal of Computer Science and Information Security, Vol. 8, No. 2, pp.134-141,2010.
3. Shivakumar.R, Lakshmipathi.R and **Suresh.Y** ‘Implementation of Bio inspired Genetic optimizer in enhancing power system stability’, IACSIT International Journal of Engineering and Technology, Vol.2, No.3, pp.263-268 2010. – **SCOPUS**
4. R.Lakshmipathi, M.Chandrasekaran, V.Mohanraj, J.Senthilkumar& Y.Suresh “ An Intelligent Agent Based Talent Evaluation System Using A Knowledge Base” International Journal of Information Technology and Knowledge Management, *Vol. 2*, No. 2, pp.231-236, 2010.
5. Lakshmipathi, R., **Senthilkumar, J.**, Mohanraj, V. and Suresh, Y. “Back up Cluster Head Determination in Wireless Sensor routing using supervisory

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7. Senthilkumar J., Chandrasekaran M., **Suresh Y.**, Arumugam S. and Mohanraj V. “Advertisement Timeout Driven Bee’s Mating Approach to maintain fair energy level in Wireless Sensor Network”, Applied Soft Computing, Elsevier, Vol. 11, pp. 4029-4035, 2011. (**Impact Factor :2.86**) –**SCI Journal**
8. Mohanraj V., Chandrasekaran M., Senthilkumar J., **Suresh Y.** and Arumugam S. “An Ontological Framework for Improving the Online Recommendation System Using Bees Intelligence”, European Journal of Scientific Research, Vol. 52, No. 1, pp.23-37, 2011.

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9. Mohanraj V., Chandrasekaran M., Senthilkumar J., **Suresh Y.** and Arumugam S. “Ontology Driven Bee’s Foraging Approach based Self Adaptive Online Recommendation System”, Journal of Systems and Software, Elsevier, Vol.85, No.11, pp.2439-2450, Nov 2012. (**Impact Factor :1.17**) – **SCI Journal**.
10. **Suresh Y.**,Arumugam S. and Bhagyaveni M.A. “Favoring Short Flows Without Punishing Long Flows for the Internet Traffic Performance Improvement ”International Journal of Information and Communication Technology Research, Vol. 2, No. 1, 2012.

11. **Suresh Y.**, Arumugam S. and Bhagyaveni M.A “A Forager Bee’s Intelligence Inspired Dynamic Queue Scheduling for the Internet Traffic” Journal of Computer Science Vol. 8, No. 5, pp.665-672, 2012.-**SCOPUS**
12. Senthilkumar J., Chandrasekaran M., **Suresh Y.**, Arumugam S. and Mohanraj V. “Advertisement Timeout Driven Bee’s Mating Approach to maintain fair energy level in Wireless Sensor Network”, Applied Soft Computing, Elsevier, Vol. 12, pp. 1884-1890, 2012. (**Impact Factor :2.86**) –**SCI Journal**

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13. T. Parithimar Kalaignan, J. Senthilkumar, **Y. Suresh**”, A Novel Dissociated Current Control Technique for Harmonic Minimization in Non-Linear Loads”, International Review on Modelling and Simulations (I.RE.MO.S.), ISSN 1974-9821 Vol 7.No:1,FEB 2013.- **SCOPUS**

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15. Parkavi. D and **Suresh.Y** “Energy Efficient Protocols Used in Wireless Sensor Networks” International Journal of Computer Science and Information Technologies, Vol. 6 (2), 1894-1896, ISSN:0975 9646, 2015.

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16. M. Lakshmi , J. Senthilkumar , Y. Suresh”, Visually lossless compression for Bayer color filter array using optimized Vector Quantization”, Applied Soft Computing, Elsevier, Volume 46 Issue C, Pages 1030-1042, September 2016. (**Impact Factor :2.86**) –**SCI Journal**

17. Dr.J.Senthilkumar, Dr.Y.Suresh and .S.S.Aravinth,” A Study Of Minimal Exposure Problems And Comparative Analysis Of Various Proposed Models For Wsns”, International Journal of Advanced Research in Management, Architecture, Technology and Engineering (IJARMATE) Vol. 2, Special Issue 14, April 2016.

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18. Elavarasan . G, Suresh .Y, “Intrusion Detection In Industrial Control System By Packet Behaviour Based Analysis”, International Journal of Research In Science Engineering And Technology, ISSN: 2394 – 739X Vol.4, Issue 4,pp 33-39, 2017
19. J. Gokulraj, Dr. J. Senthilkumar, Dr. Y. Suresh “ Distributed Data Storage Scheme and Efficient Way to Process Data in Wireless Sensor Network” International Journal of Scientific Research in Computer Science, Engineering and Information Technology Volume 2, Issue 4 ISSN : 2456-3307, pp 348-351, Aug 2017.

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23. Raswanth Rajhen.M , Y.Suresh , Karthick.K “The Automated System to Detecting the Fabric Defect” International Journal of Advanced Research in Computer and Communication Engineering, Vol. 8, Issue 1, January 2019
24. S.S Aravinth, J. Senthilkumar, Y. Suresh, V. Mohanraj “A hybrid swarm intelligence based optimization approach for solving minimum exposure problem in wireless sensor networks” in concurrency and computation, Wiley Publishers ,<https://doi.org/10.1002/cpe.5370> ,June 2019 (SCI- Journal, Impact Factor :1.167)
25. B. Ramesh, J. Senthilkumar, Y. Suresh, V. Mohanraj “Filter Bank Multicarrier Based Generalized Discrete Fourier Transform for Peak to Average Power Ratio Reduction” in Journal of Mobile Networks and Applications ,Springer, DOI: [10.1007/s11036-019-01391-8](https://doi.org/10.1007/s11036-019-01391-8) Oct 2019 (**SCI- Journal , Impact factor : 2.39**)
26. B. Ramesh, J. Senthilkumar, Y. Suresh, V. Mohanraj “Constrained pattern extension algorithm based peak power reduction techniques for MIMO-OFDM applications” in Computer Communications , Elsevier, vol 148, Pages 42-47, December 2019 (**SCI- Journal , Impact factor : 2.766**)
27. S.S.Aravinth, J.Senthilkumar, V.Mohanraj, Y.Suresh “An Improved Artificial Bees Colony Algorithm to Solve Minimal Exposure Problem in Wireless Sensor Networks” International journal of Innovative and Exploring Engineering (TM) Vol. 9, Issue 1, pages 1764-1771 Nov2019(**Scopus**)
28. **Y Suresh**, T Kalaivani, J Senthilkumar, V Mohanraj BF 2 VHDR based dynamic routing with hydrodynamics for QoS development in WSN , Mathematical Biosciences and Engineering , AIMS press Vol.17 (1), page 930-947 Nov 2019 – **SCI**

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29. S Roshni, J Senthilkumar, Y Suresh, V Mohanraj Advertisement valid time triggered firefly and fruit-fly inspired approach for efficient cluster formation and standby CH selection in hierarchical wireless sensor networks Journal of Ambient Intelligence and Humanized Computing, Springer page 1-17,2020 (**SCI**)

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31. S Anusha, V Mohanraj, Y Suresh, J Senthilkumar Cooperative spectrum sensing in wireless sensor networks using forager bee’s intelligence Journal Of Ambient Intelligence And Humanized Computing Springer Heidelberg, 2020/5/14(**SCI – Impact factor 1.91**)
32. J Gokulraj, J Senthilkumar, Y Suresh, V Mohanraj Data consistency matrix based data processing model for efficient data storage in wireless sensor networks Computer Communications, Elsevier, Vol151, Page172-182 ,2020 (**SCI – Impact factor 2.766**)
33. D Karthikeyan, V Mohanraj, Y Suresh, J Senthilkumar Hybrid Intrusion Detection System Security Enrichment Using Classifier Ensemble Journal of Computational and Theoretical Nanoscience 17 (1), 434-438 , 2020
34. M Venkatesh, V Mohanraj Raj, Y Suresh Mining massive online location-based services from user activity using best first gradient boosted distributed decision tree, International Journal of Enterprise Network Management Vol11 (1), Page 3-13, 2020

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1. **Suresh Y.**, Arumugam S, Chandrasekaran M., Senthilkumar J, Mohanraj V. and Lakshmipathi R. “A QSPS-PSR Approach on Differentiated TCP Flows for Internet Traffic”, International Conference on Advances in Recent Technologies in Communication and Computing, Kottayam, Kerala, 27-28, Oct 2009. Paper Indexed in IEEE Xplore Digital Library with ISBN: 978-1-4244-5104-3, [10.1109/ARTCom.2009.221](https://doi.org/10.1109/ARTCom.2009.221).

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3. R.Shivakumar , R.Lakshmipathi , **Y.Suresh** “Supplementary Excitation Controller design to enhance system Damping Ratio using an innovative swarm intelligence algorithm” International Conference on Power Systems-ICPS’09. Kharagpur, India, Pages1-6, Paper Indexed in IEEE Xplore Digital Library with ISBN: 978-1-4244-4330-7 .DOI: 10.1109/ICPWS.2009.5442710
4. K Saraswathi, B Saravanan, Y Suresh, J Senthilkumar “Survey: A Hybrid Approach to Solve Cold-Start Problem in Online Recommendation System” in Proceedings of the International Conference on Intelligent Computing Systems (ICICS 2017–Dec 15th-16th 2017) organized by Sona College of Technology, Salem, Tamilnadu, India
5. Y Suresh, E Aarthi, A Godekar, R Geetha Detailed Investigation: Stratification of Phishing Websites Assisted by User Ranking Mechanism Proceedings of the International Conference on Intelligent Computing Systems (ICICS 2017–Dec 15th-16th 2017 organized by Sona College of Technology, Salem, Tamilnadu, India
6. G Mohanraj, Y Suresh, J Senthilkumar A Survey on Prescriptive Analytic Techniques Over Healthcare Data Mechanism Proceedings of the International Conference on Intelligent Computing Systems (ICICS 2017–Dec 15th-16th 2017 organized by Sona College of Technology, Salem, Tamilnadu, India