

Dr. G.GOWRISON

Associate professor, Department of Electronics and Communication Engineering, Institute of Road and Transport Technology, Erode -638316, Erode, Tamilnadu. Mobile: +919486614404

LIST OF PUBLICATIONS

International Journal Publication:

2020	Bharathi Subramaniam, Gowrison Gengavel and Suganthi Muthusamy, "Crosstalk minimization in network on chip (NoC) links with dual binary weighted code CODEC", Springer, Journal of Ambient Intelligence and Humanized Computing, ISSN 1868-5137, 2020, DOI 10.1007/s12652-020-01842-1
2018	Kaliram Perumal, Suganthi Muthusamy and Gowrison Gengavel, "Sparse data encoder and decoder to improve security in video Steganography", Wiley, 2018.
2018	Bharathi Subramaniam and Gowrison Gengavel, "Reduced Recurrent Minimum Power Encoding Scheme for On-Chip Interconnects", Journal on Science Engineering and Technology Volume 5, No. 02, May 2018
2017	S.Thangavelu T.Purusothaman and G.Gowrison, "Emoji Captcha: A secured Picture Character approach against OCR Attacks", IRACST - International Journal of Computer Science and Information Technology & Security (IJCSITS), , Vol.7, No.1, Jan-Feb 2017.
2017	Bharathi.S, Suganthi.M and Gowrison.G, "Modified weighted code with bit invert approach to minimize crosstalk in network on chip links", Cluster Computing, Springer Science+Business Media, December 2017,
2017	Kaliram P, Suganthi.M and Gowrison.G, "Robust Multitier Spatial Domain Secured Color Image Steganography in Server Environment", Cluster Computing, Springer Science+Business Media, December 2017,
2017	S. Thangavelu and G. Gowrison, "Action based Color Captcha Approach based on Human Cognitive Factor in Web Applications", Asian Journal of Research in Social Sciences and Humanities Vol. 7, No. 2, February 2017, pp. 784-795.
2016	G. Balasubramanian, G. Gowrison and A. Chilambuchelvan, "Probabilistic decision based filter to remove impulse noise using patch else trimmed median", International Journal of Electronics and Communication (AEÜ), Elsevier, 70 (2016) 471–481.
2016	G. Balasubramanian, G. Gowrison and A. Chilambuchelvan, "An extremely fast adaptive high-performance filter to remove salt and pepper noise using overlapping medians in images", The Imaging Science Journal, Taylor and Francis, April 2016, ISSN: 1368-2199

2016	P. Natesan, R. Rajalaxmi, and G. Gowrison, "Hadoop Based Parallel Binary Bat Algorithm for Network Intrusion Detection", Springer, International Journal of Parallel Programming, 2016.
2016	S. Thangavelu, T. Purusothaman and G. Gowrison, "Invisible Captcha Using Encrypted Virtual Keyboard", Middle-East Journal of Scientific Research, 2016.
2015	Balasubramanian Gopalan, A. Chilambuchelvan, S. Vijayan, and G. Gowrison, "Performance Improvement of Average Based Spatial Filters through Multilevel Preprocessing using Wavelets", IEEE Signal Processing Letters, Vol. 22, No. 10, October 2015, pp 1698-1702.

Papers in Conference Proceedings

1. Gowrison, G. and Ramar, K., 'Rule Based Intrusion Detection System', International Conference on Computing Technologies (ICONCT09), Department of Computer Science and Engineering, Mepco Schlenk Engineering College, Sivakasi, December 09-11, 2009, pp329-334.
2. G. Gowrison, K. Ramar, K. Muneeswaran and T. Revathi, "Analysis of Intrusion Detection System on KDD Cup99", International Conference on Computing (ICC-2010), Advanced Computing Research Society, New Delhi, 2010.
3. P.Natesan, P.Balasubramanie and G.Gowrison, "Performance comparison of AdaBoost based weak classifiers in Network Intrusion Detection", in International Conference (ICNGC2S-11), Chandigarh.
4. P.Natesan, P.Balasubramanie and G.Gowrison, "Adaboost with single and compound weak classifier in Network Intrusion Detection", International conference on Advanced computing, networking and security-2011, 16th-18th December-2011, NIT, Surathkal, Mangalore.
5. G. Gowrison and T.Purusothaman (2003), 'Scalable Secure Internet group mailing', IEEE ACE 2003, 29th Annual Convention and Exhibition, IEEE India council, December 12-14, Pune.
6. G. Gowrison and T.Purusothaman (2003), 'An efficient Key agreement Protocol for Dynamic Peer Groups', Proceedings of the Second International Conference on Artificial Intelligence in Engineering and Technology, August 3-5, Kota Kinabalu, Sabah, Malaysia, pp.657-667.
7. Balasubramanian and Gowrison , "Adaptive Average of Multiresolution Bilateral and Median Filter for Image Processing", International Conference on Emerging Trends in Science , Engineering and Technology, 2012, JJ College of Engineering, Trichy