

# **Department of Electronics and Communication Engineering**

**Pondicherry Engineering College.**

**Dr. G. Florence Sudha  
B.Tech., M.Tech., Ph.D., MISTE, MIEEE  
ASSOCIATE PROFESSOR**

## **International Conferences**

1. G.F.Sudha, P.Purushotaman and Janardhanan, "Wavelet Analysis of Heart Sounds, International Conference on Medical Diagnostic Techniques and Procedures, IIT Chennai, Dec 15-17,1999.
2. G.F.Sudha, Baskar, Hariharaputran, Riswan Mohamed and Surya Prakash, "Emergency Patient Tracking System", International Conference on Biomedical Engineering, Anna University, Chennai, 24-26 January, 2001.
3. G.F.Sudha, Chandra Devi, Mangalakshmi, Nameeta and Cauvery "Digital Watermarking of medical images using wavelets", Biovision 2001, International Conference on Biometrics, IISc, Bangalore, 21-24 December 2001.
4. G.F.Sudha and B.Nanchariah, "A distributed routing algorithm for data gram traffic in Teledesic system", International Conference on wireless communication networks, SSN College of Engineering, Chennai, 27-28 June 2003.
5. G.F.Sudha and T.G.Palanivelu, "Visibility enhancement of subsurface tissue images", World Congress on Medical Physics and Biomedical Engineering, Sydney, Australia, 24-29 August 2003.

6. G.F.Sudha and T.G.Palanivelu, "Reflectance Oximetry to assess Blood Oxygen", Kuala Lumpur International Conference on Biomedical Engineering, BioMed 2004, Kuala Lumpur, Malaysia, Sept 2-4, 2004.
7. G.F.Sudha and T.G.Palanivelu, "An investigation on wavelength effects for optical imaging", Kuala Lumpur International Conference on Biomedical Engineering, BioMed 2004, Kuala Lumpur, Malaysia, Sept 2-4, 2004.
8. V.Vijyalakshmi, G.F.Sudha , T.G.Palanivelu, " Secure Web Transactions in Sockets Layer using Elliptic Curve Cryptography", Intl. Conference on Information Security, Pondicherry Engineering college, Pondicherry, Dec 7-9, 2005.
9. G.F.Sudha, Narain Ponraj, Satyamurthy, Siva Balan, " Biometrics Based Encryption for Multimedia Content Protection", Intl. Conference on Information Security, Pondicherry Engineering college, Pondicherry, Dec 7-9, 2005.
10. G.F.Sudha and P.Jeyashree, "Facial Expression Recognition using SOM", ICCIMA , Mepco Schlenk Engineering College, Sivakasi, Dec 13-15, 2007.
11. Hephzibah kezia and Gnanou Florence Sudha, "Encryption of Digital Video Based On Lorenz Chaotic System", 16<sup>th</sup> Intl conference on Advanced Computing and Communication, ADCOM 2008, MIT, Anna University, Chennai, Dec 15-17, 2008
12. B.Nancharaiah, Gnanou Florence Sudha and MBR. Murthy, "A scheme for efficient topology management of Wireless Ad hoc Networks using the MARI Algorithm", 16<sup>th</sup> IEEE International Conference on Networks , ICON 2008 , IIT Roorkee, India, Dec 12-14 2008.
13. L.M.Varalakshmi, G. Florence Sudha and S.Karthik, " Enhanced Multiple Huffman Table Encryption Scheme using Shuffling of Huffman Codewords", International Conference on

recent advancements in electrical Sciences, KSR College of Engineering, Tamil Nadu, India, 8<sup>th</sup> and 9<sup>th</sup> January 2010.

14. L. M.Varalakshmi, G.F.Sudha, V.Vijayalakshmi, “ Enhanced encryption schemes of video for real time applicatios, IEEE Intl conference on Signal Processing, Communication, Computing and Networking Technologies (ICSCCN-2011) , Thuckalay, India, 21 and 22 July 2011.pp, 552-557
15. G.F.Sudha, A.V.Ananthalakshmi and Sarojini, “Energy Efficient Architecture For Portable Devices”, International Conference on Frontiers of Computer Science, J.N. Tata Convention Center, IISc, Bangalore, 7<sup>th</sup> -9<sup>th</sup> August 2011, ISBN 978-81-921929-0-1.
16. G.Vaikundam, G.F.Sudha, “Distributed Beamforming for Randomly Distributed Sensors with position error correction “,International Conference on Communication Technology and System Design 2011, Procedia Engineering, Elsevier , vol. 30, pp. 410-417, Dec-11, ISSN: 1877-7058, Amrita School of Engineering, Coimbatore, India. pp. 877-886. Dec.7-9, 2011.
17. L. M.Varalakshmi, G.F.Sudha ,” An Efficient Scalable Video Encryption Scheme for Real time applications”, International Conference on Communication Technology and System Design 2011, Procedia Engineering, Elsevier , vol. 30, pp. 852-860, , Dec-11, ISSN: 1877-7058, Amrita School of Engineering, Coimbatore, India. pp. 877-886. Dec.7-9, 2011.
18. L.M.Varalakshmi, V.Bharathi and G.F.Sudha., “A Selective Encryption scheme for H.264 video based on Permutation code and Dynamic Keys”, Proceedings of IEEE International Conference on Computer, Communication and Informatics (ICCCI 2012) SIET, Coimbatore, India. pp. 1-5. Jan 10-12, 2012.
19. L.M.Varalakshmi, G.F.Sudha and K.Vijaylakshmi, “An efficient encryption scheme for H.264 Video combined with robust cross layer architecture for secured and enhanced QoS over 802.11e WLAN” , Proceedings of IEEE sponsored International Conference on

Computing, Communication and Applications(ICCCA-2012) , PSNA College of Engineering and Technology, Dindigul, India. Feb. 22 -24, 2012

20. G.Vaikundam, G.F.Sudha, Distributed Beamforming for Randomly Distributed Sensor using Computationally Efficient Phase Adjustment based on Probability Function, International Conference on Electrical, Communication and Information Technology, Elsevier Proceeding of ICECIT, pp 230-242,Dec.,21-23, 2012, SRIT, Ananthapur
21. G.Vaikundam, G.F.Sudha , Distributed Beamforming for Randomly Distributed Sensor using Bisection Method and Dynamic Programming Technique, IEEE International Conference on Electronics, Computing and Communication Technology, Proceeding of IEEE CONECCT, pp 1-6, Jan.,21-23, 2013, IISC, Bangalore.
22. G.Vaikundam, G.F.Sudha, Distributed Dual Beamforming for Randomly Distributed Sensor using LS Estimation, IEEE International Advance Computing Conference, IACC, pp 494-499,Feb., 22-23, 2013, AKGCE, Ghaziabad.
23. G.Vaikundam, G.F.Sudha, Distributed Beamforming using Semiblind Retracement Technique for Randomly Distributed Sensor, IEEE International conference on Intelligent System and Signal Processing, ISSP, pp 137-142 ,March,1-3, 2013, GCET, Anand.
24. G.Vaikundam, G.F.Sudha , Novel Distributed Dual Beamforming for Randomly Distributed Sensor by Phase Tracking using Bilateral Probability Function, Proceeding of Springer ICACNI-April, 2013, CIT, Raipur.
25. A.V.AnanthaLakshmi, G.F.Sudha, “Design of a Novel Reversible Full adder and Reversible Full Subtractor”, Springer Proceedings of the International Conference on Advances in Computing and Information Technology(ACITY), July 2012, Vol. 178, pp.623 – 632. ISBN No.: 978-3-642-31599-2.

26. A.V.AnanthaLkshmi, G.F.Sudha, "An Efficient Implementation of a Reversible Single Precision Floating Point Multiplier Using 4:3 Compressor", Springer Proceedings of the International Conference on Advances in Information Technology and Mobile Communications(AIM), April 2013, pp. 158 – 172, ISSN: 1865 – 0929.
27. A.V.AnanthaLakshmi, G.F.Sudha, "Transistor Representation of a Low Power Reversible 32-bit Comparator", Springer Proceedings of the International Conference on Advanced Computing, Networking and Informatics (ICACNI), June 2013, pp. 63 -74, ISSN : 1867-5662.
28. J.Jai Jaganath babu and Gnanou Florence Sudha,"An edge preserving and adaptive speckle noise reduction technique for Ultrasound Thyroid images using Nonsubsampled Contourlet Transform ", International conference on emerging trends in Electrical, communication and Information Technologies (ICECIT 2012), Elsevier proceedings, December 22nd and 23<sup>rd</sup>, 2012.
29. Keerthivasan A, Jai Jaganath Babu J and Gnanou Florence Sudha, " Speckle Noise Reduction in Ultrasound Images using Fuzzy Logic based on Histogram and Directional Differences", IEEE International conference on communication and signal processing (ICCSP13),3rd,4th & 5th April 2013, India.
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