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Area of Interest: VLSI & Networking

Journal Publications

1	M. Manikandan, "A Novel Algorithm for Face Recognition From Very Low Resolution Images", Journal of Electrical Engineering and Technology, published by korean journal publishing service. Vol. 10, Issue 2, pp. 659-669 (2015).
2	" "Face Recognition Using Relationship Learning Based Super Resolution Algorithm",, ", American Journal of Applied Science, published by American Journal . Vol. 11, Issue 3, pp. 11 (3):475-481,2014. (2014).
3	C Senthil Singh, M Manikandan, "Design Of Face Recognition System Using Principal Component Analysis", International Journal of Research in Engineering and Technolog, published by ESAT. Vol. 3, Issue 1, pp. 6-10 (2014).
4	C Senthil Singh, M Manikandan, "Brain Tumor MRI Image Segmentation And Detection In Image Processing", International Journal of Research in Engineering and Technolog, published by ESAT. Vol. 3, Issue 1, pp. 1-5 (2014).
5	M Manikandan, "Design And Implementation Of Face Detection Using Adaboost Algorithm", Journal of Theoretical and Applied Information Technology, published by Little Lion Scientific Isl. Vol. 65, Issue 3, pp. 706-714 (2014).
6	M Manikandan, "Face recognition using relationship learning based super resolution algorithm", American Journal of Applied Science, published by Science Publications. Vol. 11, Issue 3, pp. 475-481 (2014).
7	M Manikandan, "The FPGA implementation of pulse width Modulation", EJSR, published by EJSR. Vol. 94, Issue 3, pp. 472-476 (2013).
8	M Manikandan, "Design and Analysis of various PWM Techniques for Buck Boost Converter", International Journal of Multidisplinary research and advances in engineering , published by Ascent Journals. Vol. 5, Issue 3, pp. 143-154 (2013).
9	V. Kamatchi Sundari,M Manikandan, "An Innovative Technique For Segmentation Of Foreground Object In Video", International Journal of Electronics and Communication Engineering, published by International Academy of Science , Engineering an. Vol. 2, Issue 2, pp. 1-6 (2013).
10	M Manikandan, "Comparision of nine level asymmetric and symmetric inverter", International Journal of Multidisplinary research and advances in engineering , published by Ascent Journals. Vol. 5, Issue 3, pp. 135-142 (2013).
11	M Manikandan, "A comparision of Multilevel inverter for using in 3-phase induction motor", EJSR, published by EJSR. Vol. 102, Issue 4, pp. 535-542 (2013).
12	" "Design And Implementation Of An Fpga-Based Real-Time Very Low Resolution Face Recognition System",", International Journal of Advanced Information

	Science and Technology (IJAIST), published by International Journal of Advanced Information Sci. Vol. 7, Issue 7, (2012).
13	M Manikandan, "Real time implementation of object detection and tracking through video camera", Applied Mechanics and materials, published by Trans tech Publications.
14	M.Manikandan, K.Bhoopathy Bagan,T.Prathiba, "IMAGES AND INTEGER COMPRESSION USING BIT BASED CASCADE CODING", ICGST International Journal on Graphics, Vision and Image Processing, published by ICGST. Vol. 6, Issue 2, pp. 57-62
15	Manikandan.M,Dr.K.Bhoopathy Bagan, on International conference on "Intelligent and Advanced Systems", organised by Electrical & Electronic Engineering, Universiti Teknologi PETRONAS, Malaysia, Malaysia from 25-Nov-2007 to 28-Nov-2007.
16	"Curvelet Transform Based Embedded Lossy Image Compression" presented in a International level conference on International Conference on "Signal Processing, Communications & Networking", organised by Dept. of Electronics Engg., MIT, AU Chennai, India from 22-Feb-2007 to 24-Feb-2007.
17	"Implementation of Modified Block Truncation coding on TMS320C6713 DSP" presented in a National level conference on 2nd National Conference on "Signals, Systems and Communication" , organised by Department of Electronics & Communication Engg., CEG, AU Chennai, India from 01-Jun-2006 to 02-Jun-2006.
18	MAnikandan.M,Subramaniam n p,Bhoopathybagan B,Vijay Anand,Vigneswaran G, "Pattern matching of bi-level images using smith waterman algorithm" presented in a National level conference on National Conference on Wireless Networks (NCWN 2004), organised by sri venkateswara college of engineering, India from 27-Feb-2004 to 28-Feb-2004.
19	"Image Coder using Wavelet Transforms" presented in a International level conference on 3rd International Conference on wireless and optical communication networks, organised by IEEE-WOCN, INDIA .