

Conference Publications - 2013

No.	Authors	Title of the Paper	Title of Journal/Conference	Year	Art. No.	Page start	Page end	National /International
1	C B Bidhul,Naveen Hampannavar,Sajeevan Joseph, Jayakrishnan P,Sivasankaran kumaravel	Comparison of Architectures of a Coarse grain reconfigurable multiply accumulate unit	International conference on Green computing communication and conservation of energy	2013	Nil	Nil	Nil	International
2	Ginu George, R. Nagarjun, D. Thiripurasundari, R. Poonkuzhali,	Design of Meander Line Wearable Antenna	IEEE International Conference on Communication Technologies	2013	6558270	Nil	Nil	International
3	K.Sivasankaran, P.S. Mallick	A comparative study of radio frequency stability performance of Double gate MOSFET and Double Gate Tunnel	International conference on Green computing communication and conservation of energy	2013	Nil	220	224	International
4	R. Nagarjun, Ginu George D. Thiripurasundari, R. Poonkuzhali, Z.C. Alex,	Design of Tripleband Planar Bow-Tie Antenna for wearable applications	IEEE International Conference on Communication Technologies	2013	6558270	1185	1193	International
5	Shikher Saluja, Komal Agarwal, K Sivasankaran, Lakshmi Bandlamudi and	Real Time Vehicular Camera Vision Acquisition System Using Field Programmable Gate Array	SAE World Congress	2013	Nil	Nil	Nil	International

6	Sivanantham, S., Gopakumar, G., Pandey, A., Paikada, M.J.	Adaptive test clock scheme for low transition LFSR and external scan based testing	International Conference on Computer Communication and Informatics, ICCCI 2013	2013	6466280	1	5	International
7	A. Karthikeyan, Rajeev Ranjan, Kolvekar Neha Shridhar	A novel hybrid decentralised unequal clustering approach for maximizing Network lifetime in Wireless Sensor	IEEE International conference on Computational Intelligence and Computing Research	2013	Nil	Nil	Nil	International
8	Ajinkya S. Deshmukh, Swarup S.Medasani, G.R. Reddy	A fast hierarchical patch - batch approach for mitigating atmospheric turbulance	International conference on advances in computing, communications and informatics	2013	Nil	1	7	International
9	Anand Mehta. C B Bidhul,Sajeevan Joseph, Jayakrishnan P	Implementation of single precision Floating point Multiplier using Karatsuba Algorihm	International conference on Green computing communication and conservation of energy	2013	Nil	254	256	International
10	Anand N,George joseph, Johny S Raj, Jayakrishnan P	Implementation of adder structure with fast carry network for high speed processor	International conference on Green computing communication and conservation of energy	2013	Nil	188	190	International
11	ANITHA R & BAGYAVEERESWAR AN V	Low Power Baugh Wooley Multipliers with Bypassing Logic	ICRDPET 2013	2013	Nil	215	220	International

12	Aravind babu S, Babu Ramki S, Jayakrishnan P	Design of particle in parallel architecture Coprocessor for computationally demanding Particle swarm optimization algorithm	International conference on Green computing communication and conservation of energy	2013	Nil	240	243	International
13	Arulmozhivarman, P., Reddy G.R., Tatavarti, R.	Low cost EEG signal acquisition system	ISSNIP Biosignals and Biorobotics Conferences	2013	6487549	Nil	Nil	International
14	Chaitanya, Ravi S, Kittur Harish Mallikarjun	Skew and Power Reduction Using Tunable Clock Buffers and Inverters	International Conference on Circuit, Power and Computing Technologies, ICCPCT 2013	2013	Nil	Nil	Nil	International
15	D Kannadassan, R Karthik, Maryam Shojaei Bhagini and P S Mallick	Anodic Alumina and Titania MIM capacitors: An Experimental comparative study	IEEE-ICEVENT 2013	2013	6496586	1	4	International
16	Dipu P, Naveen S, Hampannavar, P Jayakrishnan	Implementation of non linear pipelined floating point adder	International conference on Green computing communication and conservation of energy	2013	Nil	257	259	International
17	J.Arun Prakash, Dr.G.Ramachandra Reddy	Efficient prototype filter design for filter bank multicarrier(FBMC) system based on ambiguity function analysis of Hermite	iMac4S- 2013- IEEE Conference	2013	Nil	580	585	International

18	Jagadeesh,Ravi S,Kittur Harish Mallikarjun	Design of high performance 64 bit MAC unit	International Conference on Circuit, Power and Computing Technologies, ICCPCT 2013	2013	Nil	Nil	Nil	International
19	Jayakrishnan, P., Lincy, P.V.A.,Niyas, R.M.	A high speed real time multi- bin CABAC encoder for ultra high resolution video	ICE-CCN 2013	2013	6528494	Nil	Nil	International
20	Jayakrishnan, P., Lincy, P.V.A.,Niyas, R.M.	A real time multi-bin CABAC encoder for ultra high resolution video	iMac4s 2013	2013	6526444	Nil	Nil	International
21	Jayakrishnan, P., Niyas, R.M.,Maillikarjun, K.H.	High speed architecture for variable block size motion estimation in H.264	ICE-CCN 2013	2013	6528478	Nil	Nil	International
22	John Reuben,Mohammed Zackriya.V,Harish M Kittur	Low Power, High Speed Hybrid Clock Divider circuit	IEEE International Conference on Circuit, Power and Computing Technologies[ICCP T]	2013	6528876	935	941	International
23	John, Renju Thomas ; Sreekanth, K D ; Sivanantham, S	Adaptive Low Power RTPG for BIST based test applications	Information Communication and Embedded Systems (ICICES), 2013 International Conference	2013	933	936		International

24	K Sivasankaran., P S Mallick., and TRK Kumar	Impact of geometrical parameter on electrical parameters of 22nm FinFET	International Conference in Emerging Trends in computing, communication and Nanotechnology (ICE-CCN 2013)	2013	6528556	528	531	International
25	Naamatheertham R Samhitha, Neethu Acha Cherian, Pretty Mariam Jacob,P Jayakrishnan	Implementation of 16 bit floating point multiplier using residue number system	International conference on Green computing communication and conservation of energy	2013	Nil	195	198	International
26	Omkar dave, Deepak singh yadav,Jay kothari	ASIC Implementation of pipelined ALU	International conference on Green computing communication and conservation of energy	2013	Nil	191	194	International
27	R. Rajesh , K.Muruganandam	Intercell Interference mitigation for cell edge	ICCNT 2013	2013	31661	Nil	Nil	International
28	Rahul D Kshirsagar, Aishwarya E V, Ahire Shashank Vishwanath, P Jayakrishnan	Implementation of Pipelined Booth Encoded Wallace tree Multiplier Architecture	International conference on Green computing communication and conservation of energy	2013	Nil	199	204	International
29	Rajeev Pankaj Nelapati, Sriramamurthy Nerella	Implementation of Low-Power Multifunctional Circuit For Varying Operand Lengths	ICCPCT	2013	Nil	948	952	International

30	Renuga Devi S,Nithyadarisini P S.	Huffman and Lempel-Ziv Based data compression algorithms for Wireless sensor Networks	International Conference on Pattern recognition,Informati cs and Mobile engineering	2013	6496521	461	463	International
31	S.Sugumaran, P.Arulmozhivarman	Effect of Chromatic Dispersion on Four-Wave Mixing in WDM systems and its suppression	ICEVENT '13	2013	Nil	Nil	Nil	International
32	Sakthivel Ramachandran, Deego Loui Vincent and Vani Nath S	Design of High Quality factor Fully-Differential CMOS Current Conveyor for a Complex Filter	ICCPCT 2013	2013	6528909	966	969	International
33	Sandra Brigit johnson, Saranya Nath. P, T. Velmurugan	An optimized algorithm for vertical handoff in heterogenous wireless networks	IEEE conference on information and communication technologies(ICT)	2013	Nil	1206	1210	International
34	Shilpa kukati, Sujana D V, Shruthi Udaykumar,Jayakrishnan P, Dhanabal R	Design and implementation of low power floating pont arithmetic unit	International conference on Green computing communication and conservation of energy	2013	Nil	205	208	International
35	Sivanantham,S., Jagannadha Naidu, K., Balamurugan, S. & Bhuvana Phaneendra, D	Low Power Floating Point ComputationSharing Multiplier for Signal Processing Applications	International Journal of Engineering and Technology	2013	2	979	985	International
36	Sivanantham,S., Padmavathy, M., Divyanga, S. & Anitha Lincy, P. V.	System-On-a-Chip Test Data Compression and Decompression with Reconfigurable Serial	International Journal of Engineering and Technology	2013	2	973	978	International

37	Sony M Nidhiry,. Vinoth Babu K, G. Ramachandra Reddy	Blind Carrier Frequency Offset (CFO) Estimation Using Modified Viterbi and Viterbi (MVAV) Algorithm	Proceedings - 2013 IEEE International Multi Conference on Automation, Computing, Control, Communication and Compressed Sensing, iMac4s 2013 ,	2013	6526425	292	296	International
38	Sugumaran, S., Arulmozhiarman, P.,	Effect of chromatic dispersion on four wave mixing in WDM systems and its suppression	2013 International confrences on emergings trends in VLSI, Embedded system, Nano electronics and telecommunication system	2013	6496567	Nil	Nil	International
39	Thanikaselvan V,Arulmozhiarman P	High security steganography Using IWT and Graph Theory	IEEE international conference on signal and image processing applications	2013	Nil	Nil	Nil	International
40	Ushasree G , R Dhanabal, Dr sarat kumar sahuo	VLSI Implementation of a high speed single precision floating point unit using verilog	IEEE conference on Information and Communication Technologies	2013	Nil	803	808	International
41	Vundela, U. ; Kumar, T.S. ; Suresh, R.	Computation of Fractional Fourier Transform using filter bank approach and its application	3rd International Conference on Computer Communication and Informatic (ICCCI 2013)	2013	6466303	Nil	Nil	International
42	Krishna Dwibedi, Pratik Patel, Poomlizhali, D.Thiripurasundari,	Dual band CPW fed wearable monopole antenna	ICT 2013	2013	6558270	1134	1137	International

43	Krishna Dwibedi, Pratik Patel, Poomlzhali, D.Thiripurasundari,	Miniaturized dipole antenna using Koch fractal technique for wearable application	ICT 2013	2013	6577153	734	737	International
44	Mohammed Zackriya.V,Harish M Kittur	90nm CMOS Low power Multimodulus 32/33/39/40/47/48 prescaler with METSPC based logic	International conference on advances in computing and communication	2013	6686380	243	247	International
45	Y.Karuna, Ravindra Dhuli	Complete analysis of the eigen function of fourier transform	International conference on computer communication and informatics	2013	6466279	Nil	Nil	International
46	Ritesh kumar, arish mallikarjun kittur	Asic based logarithmic multiplier using iterative pipelined architecture	ICT 2013	2013	6558121	362	366	International
47	A Anusha, Chithra Parameswaran, P Revathi, V. Velmurugan	Numerical Simulation of Dry and Wet Oxidation of Silicon by TCAD Sprocess	International Conference on Advanced Nanomaterials and Emerging Engineering	2013	Nil	513	516	International
48	Abhijith Chandran, S.Revathi , Srinivasa Rao Inbathini, A. Amir,	High Birefringence with low and flattened dispersion in hexagonal photonic crystal fiber	International Conference on Electrical,Electronics and Computer Science Engineering ISBN N0-978-93-82208-78-5 -	2013	Nil	42	45	International

49	Ashutosh Jha, Anand Biswas,Prasant Agarwal,K.V.N Kavitha	Wireless Message display system using RF module	National conference on Communication,Networking and signalprocessing	2013	Nil	Nil	Nil	National
50	Boopalan, G., & Subramaniam, C. K.	A simulation study on the property of micro-arrayed negative refractive index material for the energy transfer	Technical Proceedings of the 2013 NSTI Nanotechnology Conference and Expo, NSTI-Nanotech 2013	2013	Nil	536	539	International
51	G.Aarthi and P.Sathya	Comparative Analysis of the present and future technologies for WDM-PON and WDM-TDM-PON systems	International Conference on Communications, Networking and Signal Processing	2013	Nil	252	258	International
52	K. Venkata Lakshmi Narayana, V.Naveen Kumar, Dr.A.Bhujanga Rao	Design and development of improved linearized network based liquid level transmitter	International conference on control, automation, robotics and embedded systems	2013	Nil	Nil	Nil	International
53	K.Mohanaprasad., Dr.P.Arulmozhivarman	Separation Using Independent Component Analysis Compative Analysis of Kurtosis and Negentropy Principles for Music Elements Separation Using Independent	Proc. of the 10th International Symposium on Computer Music Multidisciplinary Research, Marseille	2013	Nil	870	877	International
54	K.V.N Kavitha,Sanjukta Aich,Rini Sharon	Mobile-Microcontroller based wireless communication for the control of appliances	ICWSNIS	2013	Nil	Nil	Nil	International

55	Mohammed Zackriya V ,John Reuben, Harish M Kittur	A low power dual modulus Prescalar for Fractional-N PLL synthesizer	International Conference on Electronics and Communication Systems (ICECS)	2013	Nil	1	4	International
56	N. Aarthi,K.Satishkartic, N Madhan kumar, P.Jayakrishnan	A High Performance 2-Dimensional VLSI architecture for H.264/AVC variable block siz integer motion estimation	Emerging Trends in Communication, Control, Signal Processing & Computing Applications (C2SPCA), 2013 International Conference on	2013	Nil	1	4	International
57	Nagarjun R, Boniface A A,T.Velmurugan	A novel vertical handoff algorithm using Savitzky-Golay filtering method for Heterogeneous Networks	Automation, Computing, Communication, Control and Compressed Sensing (iMac4s), 2013 International Multi-Conference on	2013	Nil	286	291	International
58	Noor Mohammed V, P.S. Mallick, L.Nithyanandan, Mohit Asrani, Mayank Saxena	Blum BlumShub pseudorandom sequence based peak power control in MC-CDMA system	International conference on Electronic engineering and	2013	Nil	309	315	International
59	P Arulmozhivarman, Ritwik Ummalaneni, niharika arora, K R Prabhu, Karthikesh Ramamoorthy	Imge reconstruction techniques in an ECT systems using straight line sensitivity Map Approximation	International conference on Communications networking and signal Processing	2013	Nil	Nil	Nil	International

60	P.Sathya, Dr.R.Natarajan	Design of Energy efficient lighting system for educational laboratory	International conference on green computing, communication and conservation of energy	2013	Nil	428	432	International
61	Prabhat Tyagi, Vyom Matur, K. V. N Kavitha	Solar energy Extraction using Beam robots	National conference on signal processing communications and VLSI Design	2013	Nil	Nil	Nil	National
62	Rao Tataavarti, P Arulmozhiarman, M P K Kishore, J Anil Kumar, O V Sanjay Sarma, T Aparna	Seeing the light-catching the wind technological advances in optical air data systems	International conference on Communications networking and signal Processing	2013	Nil	Nil	Nil	International
63	Subramaniam, C. K., Boopalan, G., Velayutham, G., & Bollepalli, S	Storage capacity in graphene and blends of graphene EDLC	Technical Proceedings of the 2013 NSTI Nanotechnology Conference and Expo, NSTI-Nanotech 2013	2013	Nil	224	227	International
64	T Aparna, B Sravani, K Jaswanth Reddy, S K. Zakir Hussain, K Venkatesh, Sravya Rao, A Niharika, V Manikanta, N Gautam Kumar, Rao Tataavarti, P Arulmozhiarman, J	Design and Development of vibration monitoring system	International conference on Communications networking and signal Processing	2013	Nil	Nil	Nil	International

65	T. Shrikanth, M. Nagendra Prasad, T. Sunil Kumar, S. Nanda Kumar, Dr. Sibaram Khara	Modified Channel Partition Scheme and Load Balancing Algorithm for UMTS/WLAN Internetworking Systems	International Conference on Computer Communication and informatics (ICCCI),Jan 2013, IEEE explore	2013	Nil	Nil	Nil	International
66	T.Shankar, S. Shanmugavel, A. Karthikeyan	AOLEACH: Advanced optimized low energy Adaptive clustering Hierarchy for WSN	International Conference on Communication and Signal Processing	2013	Nil	Nil	Nil	International
67	V Santhi,P Arulmozhivarman	Visible Watermarking for Digital Images in Wavelet Domain using centralized and Zernike Moments	International conference on Communications networking and signal Processing	2013	Nil	Nil	Nil	International
68	V.Naveen kumar, K.Venkata Lakshmi Narayana	Implementation issues of body area sensor networks for ubiquitous long term biomedical signal monitoring and conditioning	International conference on green computing communication and conservation of energy	2013	Nil	936	939	International
69	Valarmathi, J., Emmanuel, D.S.,Christopher, S.	Spline Interpolated Adaptive Doppler Filter Based velocity estimation	9th International Radar Symposium India - 2013 (IRSI - 13)	2013	Nil	Nil	Nil	International
70	K.V.N.Kavitha, Abhinay Manne, Saikat Ghosh, Sibaram Khara	Efficiency Enhancement in conventional turbo code using rate-less coding approach for an OFDM	ICCSP-13	2013	Nil	1569	1573	International
71	K.V.N.Kavitha, Saikat Ghosh, Anandan,Senthil nathan	Intereference Reduction in MB-OFDM Ultra Wide band system using Turbo	ICCSP-13	2013	Nil	1664	1668	International

72	Lakshmanan.M, P.s Mallick, Nithyanandan	Joint timing synchronization and channel estimation in uplink of time domain synchronous OFDMA	Communication in computer and information science	2013	Nil	176	185	international
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