School of Electronics Engineering

Conference Publication Details - 2015

S.No.	Author	Title of the Paper	Name of the Conference	Attended / Presented	Month & Year	Art. No.	Page start	Page end	National /International	Scopus indexed (Yes/No)	Citations
1	Prakash Ramachandran, Zachariah C Alex,Praveen Pinheas,Anith Nelleri	Compressive Sensing For Digital In-line Holographic Microscopy	Frontiers in Optics, FiO 2015,	Presented	Dec-15	FTH1F.6	100	103	International	Yes	no
2	Abhijit Bhowmick, S. D. Roy, and S. Kundu	Performance of Secondary User with Combined RF and Non-RF based Energy-Harvesting in Cognitive Radio Network			Dec-15		1	3	International		
3	Sakthivel R	A pipeline VLSI architecture for fast computation of the 2-D Discrete Wavelet Transform	IEEE sponsored online international conference on Green Engineering and Technologies		Nov-15				International		
4	Karthikeyan, A., Srividhya, V., Gupta, P., Rai, N.	A hybrid approach for simultaneous compression and encryption of an image in wireless media sensor networks	9th International Conference on Advanced Computing and Communication Technologies, ICACCT 2015;	Attended	Nov-15	176119	475	484	International	Yes	0

No	Authors	Title	Source	Status	Date	ID	Start	End	Level	Indexed	Citations
5	Rudra. R, Biswas. A, Dutta. P, Aarthi. G	Applying regression models to calculate the Q factor of multiplexed video signal based on Optisystem	IntelliSys 2015 - Proceedings of 2015 SAI Intelligent Systems Conference	Attended	Nov-15		201	209	International	Yes	1
6	Vyas, L., Akshay, D., Sharma, S.M., Sivasankaran, K., Kannadassan, D., Mallick, P.S.	Impact of bias, doping and High-K dielectric on RF stability performance of junctionless tri-gate transistor	2nd International Conference on Electronics and Communication Systems, ICECS 2015	Attended	Nov-15	7124810	1377	1380	International	Yes	0
7	Rana, S., Deepu, M.P., Sivanantham, S., Sivasankaran, K.	Face detection system using FPGA	IC-GET 2015 - Proceedings of 2015 Online International Conference on Green Engineering and Technologies	Attended	Oct-15	7453793	1	4	International	Yes	0
8	Jeyakumar, R., Prakash, M., Sivanantham, S., Sivasankaran, K.	FPGA implementation of edge detection using Canny algorithm	IC-GET 2015 - Proceedings of 2015 Online International Conference on Green Engineering and Technologies	Attended	Oct-15	7453798	1	4	International	Yes	0
9	Fernandes, F., Gupta, R., Sivanantham, S., Sivasankaran, K.	Implementation of Blake 256 hash function for password encryption and parallel CRC	IC-GET 2015 - Proceedings of 2015 Online International Conference on Green Engineering and Technologies	Attended	Oct-15	7453820	1	4	International	Yes	0
10	Rodi, P., Chandrakar, L., Sivanantham, S.S.G., Sivasankaran, K.	Energy conservation using automatic lighting system using FPGA	IC-GET 2015 - Proceedings of 2015 Online International Conference on Green Engineering and Technologies	Attended	Oct-15	7453795	1	4	International	Yes	0

11	Mody, J., Lawand, R., Priyanka, R., Sivanantham, S., Sivasankaran, K.	Study of approximate compressors for multiplication using FPGA	IC-GET 2015 - Proceedings of 2015 Online International Conference on Green Engineering and Technologies	Attended	Oct-15		7453816	1	4	International	Yes	0
12	Niharika, S., Sali, A.S., Nithin, V., Sivanantham, S., Sivasankaran, K.	Implementation of radix-4 butterfly structure to prevent arithmetic overflow	IC-GET 2015 - Proceedings of 2015 Online International Conference on Green Engineering and Technologies	Attended	Oct-15		7453794	1	4	International	Yes	2
13	Tiwari, A., Phapal, S., Kadam, D., Sivanantham, S., Sivasankaran, K.	FPGA implementation of FFT blocks for OFDM	IC-GET 2015 - Proceedings of 2015 Online International Conference on Green Engineering and Technologies	Attended	Oct-15		7453805	1	4	International	Yes	1
14	Katkar, P., Sridhar, T.N., Sharath, G.M., Sivanantham, S., Sivasankaran, K.	VLSI implementation of fast convolution	IC-GET 2015 - Proceedings of 2015 Online International Conference on Green Engineering and Technologies	Attended	Oct-15		7453771	1	4	International	Yes	0
15	Khairnar, T., Harikiran, Chandgude, A., Sivanantham, S., Sivasankaran, K.	Image edge detection in FPGA	IC-GET 2015 - Proceedings of 2015 Online International Conference on Green Engineering and Technologies	Attended	Oct-15		7453818	1	4	International	Yes	1
16	Abhijeet, S.S., Vidyadhar, S.J., Gaurav, P.D., Sivanantham, S., Sivasankaran, K.	A reconfigurable coprocessor units with redundant radix-4 arithmetic	IC-GET 2015 - Proceedings of 2015 Online International Conference on Green Engineering and Technologies	Attended	Oct-15		7453804	1	4	International	Yes	0

#	Authors	Title	Source	Status	Date	ID	Start	End	Level	Indexed	Citations
17	Teja, G.R., Sruthi, R.S., Tomar, K.S., Sivanantham, S., Sivasankaran, K.	Verilog implementation of fully pipelined and multiplierless 2D DCT/IDCT JPEG architecture	IC-GET 2015 - Proceedings of 2015 Online International Conference on Green Engineering and Technologies	Attended	Oct-15	7453819	1	4	International	Yes	1
18	More, J., Suryavanshi, R., Dasarwar, G., Sivanantham, S., Sivasankaran, K.	FPGA implementation of universal asynchronous transmitter and receiver	IC-GET 2015 - Proceedings of 2015 Online International Conference on Green Engineering and Technologies	Attended	Oct-15	7453796	1	4	International	Yes	1
19	Manjunath, Harikiran, V., Manikanta, K., Sivanantham, S., Sivasankaran, K.	Design and implementation of 16×16 modified booth multiplier	IC-GET 2015 - Proceedings of 2015 Online International Conference on Green Engineering and Technologies	Attended	Oct-15	7453817	1	4	International	Yes	1
20	Sharma, S., Boddu, J., Charan, G.S., Sharma, S., Sivanantham, S., Sivasankaran, K.	Home automation through FPGA controller	IC-GET 2015 - Proceedings of 2015 Online International Conference on Green Engineering and Technologies	Attended	Oct-15	7453813	1	4	International	Yes	1
21	Karthikeyan, A., Jagadeep, V., Rakesh, A.	Energy efficient multihop selection with PEGASIS routing protocol for wireless sensor networks	2014 IEEE International Conference on Computational Intelligence and Computing Research, IEEE ICCIC 20142 , Pages 71-75	Attended	Sep-15	114451	71	75	International	Yes	0

22	Jagadeep, V., Rakesh, A., Karthikeyan, A., Shankar, T.	Energy efficient transmission with mobile element using compressive sensing for wireless sensor network	ICIIECS 2015 - 2015 IEEE International Conference on Innovations in Information, Embedded and Communication Systems12	Attended	Aug-15	7193085	1	4	International	Yes	0
23	Vidit Gupta., Kritika Kapoor., Renuga Devi S	Wireless sensor node selection strategies for effective surveillance	IEEE International Advance Computing Conference (IACC) 2015		Jun-15		924	929	International	Yes	0
24	Prasath, K.A., Shankar, T.	RMCHS: Ridge method based cluster head selection for energy efficient clustering hierarchy protocol in WSN	2015 International Conference on Smart Technologies and Management for Computing, Communication, Controls, Energy and Materials, ICSTM 2015 - Proceedings	Attended	May-15	Nil	64	70	International	Yes	3
25	Potthuri, S., Shankar, T., Rajesh, A.	Clusterhead selection using Huffman coding algorithm for Wireless Sensor Networks	ICIIECS 2015 - 2015 IEEE International Conference on Innovations in Information, Embedded and Communication Systems 7193076	Attended	May-15	Nil			International	Yes	Nil

	Authors	Title	Conference	Status	Date		Page Start	Page End	Scope	Indexed	Citations
26	Jagadeep, V., Rakesh, A., Karthikeyan, A., Shankar, T.	Energy efficient transmission with mobile element using compressive sensing for wireless sensor network	ICIIECS 2015 - 2015 IEEE International Conference on Innovations in Information, Embedded and Communication Systems 7193085	Attended	May-15	Nil	1	4	International	Yes	Nil
27	Babu, M.S., Rajesh, A., Shankar, T., Nakkeeran, R., Idayachandran, G.	Design of Dual-Element Tri-Band (DETB) MIMO antenna with improved isolation	2nd International Conference on Electronics and Communication Systems, ICECS 2015 7124950,	Attended	May-15	Nil	47	50	International	Yes	Nil
28	Accamma Cherian, Leio A.V, Jeeva J.B	Segmentation And Detection Of Squamous Cell Lung Malignancy From Sputum Images	IEEE sponsored 2nd international conference on electronics and communication system	Presented	Apr-15		34	37	International	Yes	No
29	Jothilakshmi K.K J.B.Jeeva	Detection of malignant skin diseases based on lesion segmentation	International Conference on Communication and Signal Processing	Presented	Apr-15		382	386	International	Yes	1
30	A Kaviya, Zachariah C Alex, K. Shambavi	Design of Sierpinski Fractal UWB Antenna	Global Conference on Communication Technologies	Presented	Apr-15		659	662	International	Yes	0

31	swagath babu M, shankat T	design of multi band MIMO antenna with improved isolation for LTE-A,MICS and GPS application	ICETECH-2015	PRESENTED	20-Mar-15				International		
32	Roy, P., Pagariya Darshan, P., Mary, G.I	Embedded System for Cash Deposit in ATM	2nd IEEE International Conference on Innovations in Information, Embedded and Communication Systems, ICIIECS 2015	presented	Mar-15	7192886	1	4	International	Yes	0
33	Shubham Lavania, Visalakshi Annepu and Kalapraveen Bagadi	Equalization of Stanford University Interim Channels Using Adaptive Multilayer Perceptron NN Model	IEEE Sponsored Second International Conference on Innovations in Information, Embedded and Communication Systems	Presented	Mar-15		1	6	International	Yes	
34	Brando Kumam, Visalakshi Annepu and Kalapraveen Bagadi	Adaptive Channel Equalization Using Recurrent Neural Network Under SUI Channel Model	IEEE Sponsored Second International Conference on Innovations in Information, Embedded and Communication Systems	Presented	Mar-15		1	6	International	Yes	
35	Singh, S.K.	Comparative Study of Image Registration Techniques based on Similarity Measures	National Conference on Research & Innovations in Engineering and Technology (NCRIET 2015)	Presented	Mar-15		104	107	National	No	Nil

No	Authors	Title	Conference	Status	Date		Start	End	Level		
36	Karthikeyan, B., Velumani, M., Kumar, R., & Inabathini, S. R	Analysis oAnalysis of data aggregation in wireless sensor network	2nd International Conference on Electronics and Communication Systems, ICECS 2015	presented	Feb-15	7124823	1435	1439	International	Yes	4
37	A Kaviya, V Poornima, Zachariah C Alex, K. Shan=mbavi	Design of a Miniaturized Dual Band Patch Antenna for WLAN Applications"	International Conference on Electronics and Communication System	Presented	Feb-15		516	519	International	Yes	0
38	M. Geethanandha, Zachariah C Alex, K. Shambavi	Design of Planar Multi- Ring Monopole Antenna for UWB Applications	International Conference on Electronics and Communication System	Presented	Feb-15		661	664	International	Yes	0
39	A Sk. Waseem Akram , K. Shambavi, Zachariah C Alex	Design of Printed Strip Monopole Antenna for UWB Applications	International Conference on Electronics and Communication System	Presented	Feb-15		823	826	International	Yes	0
40	6. AbhijitBhowmick, S. D. Roy, and S. Kundu	A Hybrid Cooperative Spectrum Sensing for Cognitive Radio Networks in Presence of Fading		no	Feb-15		1	6	National		
41	V. Nithish Kumar, Koteswara Rao Nalluri, G. Lakshminarayanan	Design of Area and Power Efficient Digital FIR Filter using Modified MAC Unit.	*International Conference on Electronics and Communication Systems (ICECS)*	Presented	Feb-15		884	887	International	Yes	0
42	Lakshmi N arayanan A, J.B.Jeeva	A Computer Aided Diagnosis for detection and classifacation of lung nodules	IEEE Sponsored 9th International Conference on Intelligent Systems and Control	Presented	Jan-15		1	5	International	Yes	No

43	V. Sribalaji & S.Vidhya	Separation of Touching and Overlapped Human Chromosome Images	Advancements of Medical Electronics Lecture Notes in Bioengineering	Presented	Jan-15		59	65	International	Yes	-
44	Achar, R., Rajesh, A.	Impact of mobility in heterogeneous resource allocations for LTE based femtocell networks	ICETECH 2015 - 2015 IEEE International Conference on Engineering and Technology	Presented	2015	7275000	1	6	International	Yes	0
45	Babu, M.S., Rajesh, A., Nakkeeran, R., Idayachandran, G.	Design of dual-element multi-band MIMO antenna for LTE-A, GPS and IEEE 802.11af applications	Proceedings of 2015 IEEE International Conference on Electrical, Computer and Communication Technologies, ICECCT 2015	Presented	2015	7226184	1	6	International	Yes	0
46	Potthuri, S., Shankar, T., Rajesh, A.	Clusterhead selection using Huffman coding algorithm for Wireless Sensor Networks	ICIIECS 2015 - 2015 IEEE International Conference on Innovations in Information, Embedded and Communication Systems	Presented	2015	7193076	1	6	International	Yes	0
47	Deshpande, K.V., Rajesh, A.	Design of an improved energy efficient clustering in M2M communication	IEEE International Conference on Circuit, Power and Computing Technologies, ICCPCT 2015	Presented	2015	7159254	1	6	International	Yes	2
48	Philipose, A., Rajesh, A.	Performance analysis of an improved energy aware MAC protocol for railway systems	2nd International Conference on Electronics and Communication Systems, ICECS 2015	Presented	2015	7124899	233	236	International	Yes	0

49	Swagath, B.M., Rajesh, A., Nakkeeran, R., Idayachandran, G.	Design of DGS based dual-element multiband (DEMB) MIMO antenna for GPS and LTE-A applications	Source of the Document IEEE International Conference on Circuit, Power and Computing Technologies, ICCPCT 2015	Presented	2015	7159285	1	5	International	Yes	0
50	Achar, R., Rajesh, A., Nakkeeran, R., Sultana, F.	Heterogeneous resource allocation in LTE based Femtocell networks	IEEE International Conference on Circuit, Power and Computing Technologies, ICCPCT 2015	Presented	2015	7159502	1	6	International	Yes	0
51	Babu, M.S., Rajesh, A., Shankar, T., Nakkeeran, R., Idayachandran, G.	Design of Dual-Element Tri-Band (DETB) MIMO antenna with improved isolation	2nd International Conference on Electronics and Communication Systems, ICECS 2015	Presented	2015	7124950	47	50	International	Yes	0
52	Kothapudi, V.K., Kumar, V.	Design of 0.73λ inter-element spacing linear array for 0.43GHz P/UHF-band tropospheric radar wind profiler	Proceedings of the 2015 IEEE 5th Asia-Pacific Conference on Synthetic Aperture Radar, APSAR 2015	PRESENTED	2015	7306207	277	282	International	Yes	na
53	Rajesh, G.S., Kumar, V.	Designing multiband metamaterial loaded microstrip patch antenna for SAR applications	Proceedings of the 2015 International Conference on Microwave and Photonics, ICMAP	PRESENTED	2015	7408736	NA	NA	National	Yes	NA
54	Rajesh, G.S., Kishore, K.V., Kumar, V.	Multiband microstrip patch antenna design using metamaterial for airborne SAR system	2015 IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems, SPICES	PRESENTED	2015	7091444	NA	NA	National	Yes	2

55	Kishore, K.V., Rajesh, G.S., Kumar, V., Srinivasulu, P.	Document Design of 0.71λ, spacing 8-element microstrip patch antenna linear array for 0.43GHz wind profiling radar	Proceedings on 2014 2nd International Conference on "Emerging Technology Trends in Electronics, Communication and Networking",	PRESENTED	2015	7044967	NA	NA	National	Yes	NA
56	Kothapudi, V.K., Rajesh, G.S., Kumar, V., Kavya, K.C.S.	Document Design and fabrication of 430MHz unequal amplitude equal phase power splitter for tropospheric wind profiling radar feeder network	2015 IEEE International Conference on Signal ProcessingInformatics ,Communication and Energy Systems, SPICES	PRESENTED	2015	7091405	NA	NA	National	Yes	NA
57	Kishore, K.V., Rajesh, G.S., Kumar, V., (...), Kavya, K.C.S., Kotamraju, S.K.	Design and simulation of 8-way unequal amplitude equal phase RF feeder network using conventional microstrip technology for 430MHz Tropospheric wind profiling radar	International Conference on Signal Processing and Communication Engineering Systems - Proceedings of SPACES 2015, in Association with IEEE	PRESENTED	2015	7058253	226	230	National	Yes	NA
58	Avinash, K.G., Rao, I.S.	DocumentDesign of microstrip wideband bandpass filter using U shaped defected ground structure	2015 International Conference on Microwave, Optical and Communication Engineering, ICMOCE 2015	Presented	2015	7489701	103	105	International	Yes	1

59	Avinash, K.G., Rao, I.S.	DocumentDesign of compact meandered dual mode wideband microstrip bandpass filter using tuning stubs	Proceedings of the 2015 International Conference on Microwave and Photonics, ICMAP 2015	Presented	2015	7408701	1	2	International	Yes	1
60	Ramya, S., Rao, I.S.	DocumentDesign of compact ultra-wideband microstrip bandstop filter using split ring resonator	2015 International Conference on Communication and Signal Processing, ICCSP 2015	presented	2015		105	108	International	Yes	3
61	Lavania, S., Matey, P.S., Thanikaiselvan, V.	Real-time implementation of steganography in medical images using integer wavelet transform	2014 IEEE International Conference on Computational Intelligence and Computing Research, IEEE ICCIC 2014	presented	2015	7238344	1	5	International	Yes	Nil
62	George, E.M., Punia, K., Vinoth Babu, K., Reddy, G.R.	Performance analysis of multi-antenna multi-hop relay networks using antenna selection with delayed channel state information at the transmitter	2015 International Conference on Communication and Signal Processing, ICCSP 2015	Presented	2015		113	117	International	Yes	0
63	Sebastian, G.R., Vinoth Babu, K.	Performance tradeoffs between diversity schemes in wireless systems	International Conference on Advanced Communication, Control and Computing Technologies, ICACCCT 2014	Presented	2015		863	867	International	Yes	0

64	Arthi, M., Arulmozhivarman, P., Vinoth Babu, K., Ramachandra Reddy, G., Barath, D.	Techniques to enhance the quality of service of multi hop relay networks	Procedia Computer Science	Presented	2015		973	980	International	Yes	5
65	Arthi, M., Joy, J.J., Arulmozhivarman, P., Babu, K.V.	An efficient Relay Station deployment scheme based on the coverage and budget constraints in Multi-hop Relay networks	2015 International Conference on Communication and Signal Processing, ICCSP 2015	Presented	2015		124	128	International	Yes	3
66	John, S., Sajan, J.G., Barath, D., Babu, K.V., Arthi, M.	Interference mitigation in two-tier femto networks with Sleep mode activation	2015 International Conference on Communication and Signal Processing, ICCSP 2015	Presented	2015		267	269	International	Yes	0
67	Dillip Dash, Arunprakash Jayaprakash,Valarmathi. J, G. Ramachandra Reddy	Generalized OFDM-LFM Waveform Design andanalysis for Multistatic Airborne Radar	IEEE Power, Communication and Information Technology Conference (PCITC) Siksha 'O' Anusandhan University, Bhubaneswar, India.	Presented	2015		924	929	International	No	0
68	G. Ramachandra Reddy, Arunprakash Jayaprakash, N.S.S.R.K. Prasad	Small target detection within sea clutter based on fractal analysis	International Conference on Emerging trends in Engineering, Science and Technology, Thrissur	Presented	2015		988	995	International	Yes	1

No	Authors	Title	Journal/Conference	Status	Year		Start	End	Scope	Indexed	Citations
69	George, E.M., Punia, K., Vinoth Babu, K., Reddy, G.R.	Performance analysis of multi-antenna multi-hop relay networks using antenna selection with delayed channel state information at the transmitter	2015 International Conference on Communication and Signal Processing, ICCSP 2015	Presented	2015		113	117	International	Yes	0
70	Arthi, M., Arulmozhivarman, P., Vinoth Babu, K., Ramachandra Reddy, G., Barath, D.	Techniques to enhance the quality of service of multi hop relay networks	Procedia Computer Science	Presented	2015		973	980	International	Yes	5
71	Dillip Dash and J. Valarmathi	Generalized OFDM-LFM waveform design and analysis for multistatic airborne radar'	IEEE Power, Communication and Information Technology Conference, PCITC 2015	Attended	2015	42278	924	929	International	Yes	
72	Reuben, J., Zackriya, V.M., Kittur, H.M.	Buffer reduction algorithm for mesh-based clock distribution	2014 International Conference on Advances in Electronics, Computers and Communications, ICAECC 2014	Presented	2015	7002454	1	4	International	Yes	
73	Ravi, S., Patel, A., Shabaz, M., Chaniyara, P.M., Kittur, H.M.	Design of low-power multiplier using UCSLA technique	Advances in Intelligent Systems and Computing	Presented	2015		119	126	International	Yes	
74	Jadhav K., Vibhute A., Iyer S., Dhanabal R.	Novel Vedic mathematics based ALU using application specific reversibility	Proceedings of 2015 IEEE 9th International Conference on Intelligent Systems and Control, ISCO 2015		2015	7282231	1	5	International	Yes	

75	Dhanabal R., Sahoo S.K., Bharathi V., Varma B.S.R.P., Divya V., Kalyan D.	Shifting based VLSI scaler	Proceedings of 2015 IEEE 9th International Conference on Intelligent Systems and Control, ISCO 2015			2015	7282381	1	3	International	Yes	
76	Dhanabal R., Sahoo S.K., Bharathi V., Varma B.S.R.P., Kalyan D., Divya V.	FPGA based image processing unit	Proceedings of 2015 IEEE 9th International Conference on Intelligent Systems and Control, ISCO 2015			2015	7282380	1	4	International	Yes	
77	Dhanabal R., Sahoo S.K., Bharathi V., Dowluri K., Varma B.S.R.P., Sasiraju V.	FPGA based image processing unit usage in coin detection and counting	IEEE International Conference on Circuit, Power and Computing Technologies, ICCPCT 2015			2015	7159440	1	5	International	Yes	