



School of Electronics Engineering

Journal Publication Details - 2016

S.No.	Authors	Title of the Paper	Title of Journal	Month and Year	Vol.	Art. No.	Page start	Page end	National /International	Scopus indexed (Yes/No)	Citations	Impact Factor	SJR	SNIP
1	P Chitra, S Ravi, V N Ramakrishnan	Soft error study on Tri-gate based FinFET and Junctionless-FinFET 6T-SRAM cell – A comparison	TELKOMNIKA International Journal of Telecommunication, Computing Electronics and Control	Dec-16	14	4	1299	1306	International	Yes	Nil	NA	0.25	0.822
2	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Performance analysis of IMS based LTE and WIMAX integration architectures	Alexandria Engineering Journal	Dec-16	Volume 55, Issue 4		3229	3238	International	Yes	Nil		0.581	1.707
3	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Design of an Optical Fibre-based Receiver System for Atmospheric Sensing Lidar	PHOTONICS LETTERS OF POLAND	Dec-16	7	4	115	117	International	Yes	Nil	Nil	0.202	0.277
4	Revathi.S, Raghavave N S	Comparative Analysis of Conventional and Wavelet Based OFDM in Long Term Evolution Using Different Modulation Techniques	International Journal of Innovative Studies in Sciences and Engineering Technology(IJISSET)	Dec,2016	2	12	61	66	International	No		0	NA	NA
5	Dr. Revathi Senthil, Prasuna Inagadapa, Mani Sankar Kukunuru, Om Prakash Kukunuru	BER Analysis of OFDM in Long Term Evolution	International Journal of Innovative Research in Computer and Communication Engineering	Dec,2016	4	12	20882	20888	International	No		0	NA	NA
6	Suryanarayana, G., Dhuli, R.	Super-Resolution Image Reconstruction Using Dual-Mode Complex Diffusion-Based Shock Filter and Singular Value Decomposition	Circuits, Systems, and Signal Processing	Dec-16	36		3409	3425	International	Yes	Nil	1.694	0.563	1.004
7	Simbarashe magidi, s raja lakshmi ,T SHANKAR	performance analysis of bidirectional long reach passive optical networks using advanced modulation format	International Journal of Pharmacy and Technology	Dec,2016					International					
8	A. Jayaprakash; G. R. Reddy,	“Covariance Fitting Based Blind Carrier Frequency Offset Estimation Method for OFDM Systems”	IEEE Transactions on Vehicular Technology	Dec 2016.	vol.65,	no.12,	10101	101105	International	Yes	3	4.006	0.855	1.91
9	M. Jasmine Pemeena Priyadarsini, Srinivasa Rao Inbathini and K. Murugesan	A REVIEW ON FACE RECOGNITION USING DIFFERENT PREPROCESSING	ARPN Journal of Engineering and Applied Sciences	Dec,2016	VOL. 11	No.23	13504	13525	International	Yes	0.37		0.2	0.391
10	Ritesh Boda and M. Jasmine Pemeena Priyadarsini	Face detection and tracking using klt and Viola Jones	ARPN Journal of Engineering and Applied Sciences	Dec,2016	VOL. 11	No.23	13472	13476	International	Yes	0.37		0.2	0.391

11	M. Jasmine Pemeena Priyadarsini and Ajay Kumar R.	FACE RECOGNITION IN 2D IMAGES USING LDA AS THE CLASSIFIER TO TACKLE POSING AND ILLUMINATION VARIATIONS	ARNP Journal of Engineering and Applied Sciences	Dec,2016	VOL. 11	No.23	13628	13633	International	Yes	0.37		0.2	0.391
12	M.Jahnavi and M. Jasmine Pemeena Priyadarsini	Face Detection, Recognition And Tracking From Videos	International Journal of Recent Innovation in Engineering and Research	Dec,2016	1	8	45	50	International	No				
13	Apoorva Mehta , Cheshta Chauhan , M. Jasmine Pemeena Priyadarsini, Ajay Kumar R	Face Recognition using Hidden Markov Model	International Journal of Recent Innovation in Engineering and Research	Dec,2016	1	8	29	44	International	No				
14	Krishna Agrawal, Manish Gahlot and M. Jasmine Pemeena Priyadarsini	Face Recognition Using Local Binary Pattern And Linear Discriminant Analysis	International Journal of Recent Innovation in Engineering and Research	Dec,2016	1	8	23	28	International	No				
15	K.Anusudha, N.Venkateswaran & J.Valarmathi	Selective plane replacement watermarking and cryptography algorithm'	Indian Journal of Science and Technology	Dec,2016	9	1	1	7	International	No				
16	Yogesh Kumar Choukiker, J.C. Mudiganti	Hybrid fractal antenna for wireless applications	Far East Journal of Electronics and Communications	Dec-16	16	4	917	926	International	Yes	Nil	NA	0.359	0.49
17	A.Christina Josephine Malathi,D.Thiripurasundari	DESIGN OF MIMO ANTENNA PRESENT IN PORTABLE DEVICES IN ULTRAWIDEBAND (UWB)	International Journal of Pharmacy and Technology(IJPT)	dec,2016	8	4	21887	21895	International	Yes			0.135	0.237
18	Prasanna Valan, P., Adalarasu, K., Sasikummar, K	Mental task performance for autistic children using assistive teaching learning process	International Journal of Pharmacy and Technology	Dec-16	8	4	21815	21820	National	Yes	Nil	0	0.135	0.237
19	Sharmila Nageswaran, Prabhu Ramanathan Muthuraja	Analysis of pressure relieving mechanisms for the prevention of decubitus ulcers	Biomed Res- India	Dec-16	27	-	-	-	International	Yes	nil	0.37	0.168	0.284
20	Soundrapandian and Subramaniam Chittur Krishnaswamy,	Study of Alcohol sensing devices using DMFC technology	ECS transactions	Dec, 2016	75		85	94	International	Yes	Nil		0.231	0.246
21	Venugopal P, Rajeev Pankaj N, Sathheesh Kumar, Srinivas Koppu, Madhusudhana Rao	Detection of Enemy Intervention in Border and Battle Fields Using Smart Dust Technology	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Dec-16	5		8833	8843	International	No				
22	Saidulu B, Arun M, Kumaravel S	Low Noise Low Power Telescopic Cascode OTA for Biomedical Applications	Computers	Dec-16	5		1	11	International	No	Nil			
23	Chitra, Ravi, S, Ramakrishnan, V.N.	A soft error study on tri-gate based FinFET and junctionless-FinFET 6T SRAM cell - A comparison	Telkommika (Telecommunication Computing Electronics and Control)	Dec-16	14		1299	1306	International	Yes	Nil	0.8	0.25	0.822
24	Harish, J., Madhuri, S.J., Yaswanth, V., Jagannadha Naidu, K.	Low power ASIC implementation of RC5 algorithm	International Journal of Chemical Sciences	Dec-16	14		725	732	International	Yes	Nil	0	0.229	0.376
25	Venkatesan, D., Sunil, B., Ajay Reddy, B., Jagannadha Naidu, K.	Low power ASIC implementation of LDPC decoder	International Journal of Chemical Sciences	Dec-16	14		719	724	International	Yes	Nil	0	0.229	0.376
26	Mangayarkarasi R,Vanitha M,Sakthivel R,K Bharanitharan	A Survey of suboptimal polygonal approximation methods	International Journal of Communication and Computer Technologies	Dec-16	4 No.5		4083	4090	International	NO	0		NA	NA
27	Varnindra M. Sonil, Sakthivel R	DESIGN OF LINEAR TUNEABLE TRANSCONDUCTANCE (GM) CIRCUIT	International Journal of Chemical Sciences	Dec-16	14		784	788	International	Yes	0		0.229	0.376
28	Sakthivel R,Vanitha M	DATA AWARE LOW POWER HIGH THROUGHPUT MODIFIED RADIX FFT PROCESSOR FOR WPAN APPLICATIONS	International Journal of Chemical Sciences	Dec-16			789	793	International	yes	0		0.229	0.376
29	Dhalwar, S., Chinta, Y., Karthikeyan, B	Image processing based vehicle parking management using mobile application	Indian Journal of Science and Technology	Nov , 2016	Volume 9, Issue 44		1	5	International	Yes	Nil	NA	0.251(2016 )	2.108(2016 )
30	S.Sundar,R.Kumar, Harish M.Kittur	Localization of mobile nodes based on connectivity information	ARNP Journal of Engineering and Applied Sciences	Nov2016	VOL. 11, NO. 21	NA	12705	12709	International	Yes	Nil	NA	0.204	0.391

31	Kishore V. Krishnan, Sibaram Khara, A. Bagubali, Varun Chawla and Krishna Ashok	Spectrum Management using Cognitive Radio for Safety and Security of Coal Mine Workers	Indian Journal of Science and Technology	Nov, 2016	9	44	1	5	International	Yes			0.251	2.108
32	Jabeena.A., Ashna Jain and N. Sardar Basha, “	The effects of polarization mode dispersion “effects of polarization mode dispersion in optical communication system”	International Journal of Control Theory and Applications,	Nov-16	9	28	388	389	International	Yes			0.169	0.169
33	K.R.Haripriya, P.Jahnavi, S. Revathi	COMPARISON OF 40GBPS AND 80GBPS OTDM	International Journal of Recent Innovation in Engineering and Research	Nov,2016	1	7	27	32	International	No		0	NA	NA
34	Prasad, B.D., Dhuli, R.	Multi-sensor image fusion based on visual saliency detection	International Journal of Tomography and Simulation	Nov-16	29		102	111	International	Yes	1	0	0.225	0.437
35	J. Christopher Clement, B. Bharath Reddy, D.S. Emmanuel	An Energy-Efficient Cooperative Spectrum Sensing Strategy with Robustness Against Noise Uncertainty for Cognitive Radio Networks	Arabian Journal for Science and Engineering	Nov, 2016	41	2	3399	3405	International	Yes	3	0.865	0.29	0.694
36	S. Nandakumar, T. Velmurugan, K. S. Preetha, T. R. Suresh Kumar	An Efficient Call Management Scheme for Cellular/ Wi-Fi Mixed Cells in Next Generation Networks	Indian Journal of Science and Technology	Oct-16	9	102113	1	6	International	Yes	Nil	NA	0.251	2.108
37	D. Sumathi, T. Velmurugan, S. Nandakumar and S. Rengadevi	Dynamic Weight Assignment based Vertical Handoff Algorithm for Load Optimization	Indian Journal of Science and Technology	Oct-16	9	102119	1	6	International	Yes	Nil	NA	0.251	2.108
38	Karthikeyan A, Shankar T.	Energy proficient rendezvous scheduling with mobile sink using compressive sensing in wireless sensor networks	Indian Journal of Science and Technology	October 2016,	Volume 9, Issue 37,	Article number 102122	1	6	International	Yes	Nil	NA	0.251	2.108
39	Karthikeyan A, Shankar T.	Crossbreed energy resourceful layering protocol for lifespan augmentation in wireless sensor networks	Indian Journal of Science and Technology	October 2016,	Volume 9, Issue 38,	Article number 102121	1	5	International	Yes	Nil	NA	0.251	2.108
40	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Mitigation of interference in MIMO Multicarrier CDMA system using sub carrier self cancellation for CFO compensation	Telecommunication and RadioEngineering	Oct-16	75	13	1153	1165	International	Yes	1	NA	0.211	0.59
41	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Implementing Mobile Adhoc networks with improved AODV Protocol	International journal of Applied Engineering and Research	Oct-16	11	9	6284	6289	International	Yes	1	N	0.149	0.181
42	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Improving Interference alignment of Gaussian MIMO x channel and Gaussian MIMO z channel	International journal of Applied Engineering and Research	Oct-16	11	9	6284	6289	International	Yes	Nil	N	0.13	0.166
43	T. Shankar, S. Shanmugavel and A. Rajesh	Hybrid HSA and PSO Algorithm for Energy Efficient Cluster Head Selection in Wireless Sensor Networks	Journal of Swarm and Evolutionary Computation (Elsevier)	Oct-16	30	1	1	10	International	Yes	6	3.893	1.411	2.756
44	Revathi.s, Vinay P. Sigedar and Aditya ChourasiaMangesh M. Landge,Abhijeet	Design of Highly Birefringent Bending Insensitive Single Mode Photonic Crystal Fiber	Indian Journal of science and Technology	October, 2016	9	45			International	Yes	Nil	0	0.251	2.108
45	Preetha, K.S., Kalaivani, S.	An optimal tradeoff between security and reliability in systems of cognitive radio	Indian Journal of Science and Technology	Oct-16	9	102134	1	6	International	Yes			0.251	2.108
46	John Pradeep, D., Venugopal, P, Rajeev Pankaj, N.	Adaptive cruise control using ultrasonic senso	International Journal of Pharmacy and Technology	Sep-16	8	3	15949	15960	International	Yes	Nil	NIL	0.135	0.237
47	Satheesh Kumar.S, Venugopal P, Rajeev Pankaj Nelapati	VERIFICATION OF MASTER-SLAVE USING AMBA AXI-OCIP PROTOCOL	International Journal of Pharmacy & Technology	Sep-16	8	3	17634	17644	International	Yes	Nil	NIL	0.135	0.237
48	Arun Joy Skaria and Revathi S.	Dual Core Photonic Crystal Fiber With High Negative Dispersion and Low Coupling Length	ARNP Journal of Engineering and Applied Sciences	Sept, 2016	11	17	8024	8031	International	Yes	Nil	0	0.204	0.391

49	S. Anand, M. S. Darak, and D. Sriram Kumar	Analysis on Effect of Low Dielectric Permittivity on Indium-doped Tin Oxide based Optically Transparent Terahertz Patch Antenna	Physica E: Low-dimensional Systems and Nanostructures, Elsevier	Sept, 2016	83		505	510	International	Yes	2	2.221	0.565	0.846
50	A.Christina Josephine Malathi,D.Thiripurasundari	Review on Isolation Techniques in MIMO Antenna Systems	Indian Journal of science and technology(IJST)	Sep-16	9	35	1	10	International	YES			0.251	2.108
51	A.Christina Josephine Malathi,D.Thiripurasundari	DESIGNING OF COMPACT UWB-MIMO ANTENNA TO SUPPRESS THE FREQUENCY INTERFERENCE WITH WIMAX & WLAN SYSTEMS	International Journal of Pharmacy and Technology(IJPT)	sep,2016	8	3	18489	18497	International	Yes			0.135	0.237
52	P.Sathya , Mythili Gumbhare	Design and Analysis of Indium Gallium Nitride based PIN Solar Cell	International Journal of Renewable Energy Research	Sep-16	6	3	1159	1166	International	Yes	Nil	NIL	0.286	0.561
53	Dipu, P., Sivasankaran, K.	A 5 GHz, 1.2 dB NF common gate low noise amplifier using 30 nm DG-FinFET for wideband applications	Indian Journal of Science and Technology	Sep-16	9	36	1	10	International	Yes	Nil	0	0.251	2.108
54	Sakthivel R,Hinpreet kaur	VLSI Implementation of Lightweight Cryptography Algorithm	Advances in Systems Science and Application	Sep-16	16	1	95	101	International	yes	0		0.126	0.59
55	Sakthivel R,Kishore Sanapala	Design of Full Adder Using Subthreshold DTPT Logic	Advances in Systems Science and Application	Sep-16	16	1	85	94	International	yes	0		0.126	0.59
56	S. Subha,sakthivel R	A Power Saving Multiplication Algorithm	International Journal of Applied Engineering Research	Sep-16	11		6200	6203	International	yes	0		0.149	0.181
57	Sakthivel R ,Vanitha M	RESIDUE NUMBER SYSTEM BASED FIR FILTER	International Journal of Pharmacy & Technology	Sep-16	8(3)		17793	17800	International	Yes	0		0.135	0.237
58	Narkhede, P., Dhawale, R., & Karthikeyan, B	Microcontroller based multihead weigher.	Indian Journal of Science and Technology	August, 2016	Volume 9, Issue 30		1	5	International	Yes	Nil	NA	0.251(2016)	2.108(2016)
59	Malhotra, S., Bhosale, S., Joshi, P., Karthikeyan, B	Blockage detection in seeder.	Indian Journal of Science and Technology	August, 2016	Volume 9, Issue 30		1	5	International	Yes	Nil	NA	0.251(2016)	2.108(2016)
60	Narkhede, P., Dhalwar, S., Karthikeyan, B	NIR based non-invasive blood glucose measurement	Indian Journal of Science and Technology	August, 2016	Volume 9, Issue 30		1	5	International	Yes	Nil	NA	0.251(2016)	2.108(2016)
61	Sundar, S.,Sarthak, P.,Kumar, R.,Kittur, H.M.	Testing MANET protocol using zigbee based xbee modules	Indonesian Journal of Electrical Engineering and Computer Science	Aug-16	Vol. 3, No. 2	NA	441	445	International	Yes	1	NA	NA	NA
62	Adimulam Padmanabham and Venugopal P	AN INTERNET OF THINGS APPROACH FOR MOTION DETECTION USING ARM-BASED SYSTEM ON CHIP	International journal of Engineering research and science and technology	Aug-16	5	3	1	9	International	No	Nil	NIL	NIL	NIL
63	V V Hemanth Kumar and Venugopal P	INTELLIGENT KEYLESS VEHICLE SECURITY AND MONITORING USING STM32F4	International journal of Engineering research and science and technology	Aug-16	5	3	1	8	International	No	Nil	NIL	NIL	NIL
64	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Robust Neural Network based Multiuser Detector in MC-CDMA for Multiple Access Interference Mitigation	Indian Journal of Science and Technology	Aug-16	9	30	95994	95994	International	discontinued	3	N	0.251	2.108
65	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Robust Neural Network based Multiuser Detector in MC-CDMA for Multiple Access Interference Mitigation	Indian Journal of Science and Technology	Aug-16	9	30			International	discontinued	2		0.251	2.108
66	Rajesh A and Nakkeeran R	Investigation on Group based Contention Bandwidth Request in LTE-A Networks under High Delay Spread Environment	Journal of Wireless Networks (Springer)	Aug-16	22	6	1931	1945	International	Yes	Nil	1.584	0.402	0.969
67	N.Lavanya and T.shankar	A Review on Energy-Efficient Scheduling Mechanisms in Wireless Sensor Networks	Indian Journal of Science and Technology	Aug-16	9(32)	86910	1	4	International	YES	Nil	no	0.251	2.108
68	R. SanthaKumar and S. Vidhya	Three-Dimensional Reconstruction of Cone Beam Computed Tomography Using Splines Interpolation Technique for Dental Application	J. Med. Devices 10(3), 030927 (Aug 01, 2016)	Aug, 2016	10	3	30927	30927-2	International	YES	Nil	0.394	0.229	0.285
69	Kumaravel,S, Anand Kukde, B.Venkataramani, R.Raja	A High Linearity and High Gain Folded Cascode LNA for Narrowband Receiver Applications	Microelectronics Journal	Aug-16	54	13	101	108	International	Yes	1	1.213	0.301	0.901

70	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Recent trends in multiuser detection techniques for SDMA-OFDM communication system	Physical Communication	Jul-16	20		93	108	International	Yes	2	1.583	0.422	0.951
71	Sai Rajesh, G. and V. Kumar	H-RIS Inspired Koch Fractal Antenna for S and C band SAR Applications.	Microwave & Optical technology letters,Wiley.	Jul-16	58	6	1311	1314	International	Yes	1	0.732	0.299	0.568
72	Mangesh M. Landge, Revathi .S , Vinay P. Sigedar and Aditya Chourasia	A Review on Highly Birefringent Dispersion Compensation Photonic Crystal Fiber	ARPN Journal of Engineering and Applied Sciences	July, 2016	11	13	10248	10254	International	Yes	Nil	0	0.204	0.391
73	R.Rajesh,P.S. Mallick, S.J. Thiruvengadam, Reshma jalla	Mitigation of self- interference in bidirectional full-duplex mimo link using multi antenna transceiver	Journal of Engineering Science & Technology	Jul-16	11	1	228	236	International	no	Nil	0	NA	NA
74	Rajesh, R., Mallick, P.S., Thiruvengadam, S.J.	Outage performance of optimal relay selection and adaptive antenna configuration in bidirectional full-duplex amplify-and-forward relay network	International Journal on Communications Antenna and Propagation	Jul-16	6	3	169	174	International	Yes	Nil	0	0.959	1.053
75	Vidhyapathi, C. M., & Joseph Raj, A. N.	Advances in the analysis of human gesture recognition using Kinect sensor: A review.	ARPN Journal of Engineering and Applied Sciences	Jun-16	11		7147	7154	International	Yes	Nil	NA	0.204	0.391
76	P Chitra, V N Ramakrishnan	Radiation Induced SET Impact on DG-FINFET based LC-VCO Design	Indian Journal of Science and Technology	Jun-16	9	21	1	8	International	Yes	Nil	NA	0.251	2.108
77	M. Lakshmanan, V Noor Mohammed, M. Palanivelan, M.V.C. Vamsikrishna	Channel Estimation for MISO OFDM System Using Improved Cyclic Delay Diversity	Telecommunication and RadioEngineering	Jun-16	75	5	425	440	International	Yes	Nil	NA	0.211	0.59
78	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Early Detection of Myocardial Ischemia for Predicting Stenosis using Frangi Vesselness Filter	International Journal of Advanced Research in Computer Engineering & Technology	Jun-16	Volume 5	Issue 6	1843	1848	International	No			nil	nil
79	Ayona Philipose and A. Rajesh	Investigation on Energy Efficient Sensor Node Placement in Railway System	International Journal Engineering Science and Technology (Elsevier)	Jun-16	19	2	754	768	International	Yes	Nil	0	Nil	0.138
80	Baviriseti, D.P., Dhuli, R.	Multi-focus image fusion using multi-scale image decomposition and saliency detection	Ain Shams Engineering Journal	Jun-16	no	Article in Press	no	no	International	Yes	3	0	0.632	1.685
81	K. V. L. Narayana and Kumar, V. N	Development of an Intelligent Temperature Transducer	IEEE Sensors Journal	June,2016	16		4696	4703	International	Yes	1	2.512	0.706	1.689
82	Sanchi Kansra, J. Valarmathi and Vikas Pandey,	'Echo Signal Separation Using ICA Projection Pursuit Algorithm'	International Journal of Research in Engineering and Technology	Jun,2016	5	Issue 6	1	5	International	No				
83	A.Christina Josephine Malathi,Velliganesan M	Mutual Coupling Reduction in Arrow Shaped UWB MIMO Antenna Using Defected Ground Structures	International Journal of Advanced Research in Electronics and communication Engineering	june,2016	5	6	1752	1758	International	NO			NA	NA
84	Saurabh Bisht, Sandeep Reddy Goluguri, Rajat Maheshwari, Akhilesh Kumar and P. Sathya	Refreshable Braille Display uSing Raspberri Pi and Arduino	International Journal of Current Engineering and Technology	Jun-16	6	3	965	968	International	No	Nil	NIL	NIL	NIL
85	Dhineshkaarthi, K., Sundar, S., Vidhyapathi, C. M., Karthikeyan, B	Full duplex bidirectional UART communication between PIC microcontrollers	ARPN Journal of Engineering and Applied Sciences	May-16	volume 11, issue 10		5876	5880	International	Yes	Nil	NA	0.204	0.391
86	Dhineshkaarthi, K.,Sundar, S.,Vidhyapathi, C.M.,Karthikeyan, B.	Full duplex bidirectional UART communication between PIC microcontrollers	ARPN Journal of Engineering and Applied Sciences	May2016	VOL. 11, NO. 9	NA	5876	5880	International	Yes	Nil	NA	0.204	0.391
87	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Performance Analysis of IPv4 to IPv6 Transition Methods	Indian Journal of Science and Technology	May-16	9	20	90005	90005	International	discontinued	1	N	0.251	2.108
88	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Performance Analysis of HSRP in Provisioning Layer-3 Gateway Redundancy for Corporate Networks	Indian Journal of Science and Technology	May-16	9	20	89851	89851	International	discontinued	2	N	0.251	2.108

89	Piyush Gautam, S. Revathi	Analysis of EDFA-WDM Optical Network System	International Journal on Recent and Innovation Trends in Computing and Communication	May,2016	4	5	156	159	International	No		0	NA	NA
90	Arun.N, S. Revathi	Baseband Data Handling System Using LEON3FT Processor	International Journal on Recent and Innovation Trends in Computing and Communication	May,2016	4	5	66	71	International	No		0	NA	NA
91	Suryanarayana, G., Dhuli, R.	Shock filter based image super-resolution using dual-tree complex wavelet transform and singular value decomposition	COMPEL - The International Journal for Computation and Mathematics in Electrical and Electronic Engineering	May-16	35		1162	1178	International	Yes	1	0.487	0.212	0.429
92	Baviriseti, D.P., Dhuli, R.	Two-scale image fusion of visible and infrared images using saliency detection	Infrared Physics and Technology	May-16	76		52	64	International	Yes	13	1.713	0.622	1.304
93	Vaegae, N. K., V. L. N. Komanapalli and B. R. Annepu	Design and modeling of an intelligent temperature to frequency converter	Measurement: Journal of the International Measurement Confederation	May,2016	85		54	64	International	Yes	1	2.359	0.734	1.63
94	G.K.Rajini, Shaik Naseera, P. Mahalakshmi, Jasmine Pemeena Priyadharshini	A Modified Image Processing Algorithm for Error Reduction in Line-of-Sight Vector Between a Spacecraft and Target Celestial Body	International Journal of Applied Engineering Research	May,2016	Vol.8	No.3	573	579	International	No				
95	J. Christopher Clement, D.S. Emmanuel	Enhancing the Throughput of Cognitive Radio Networks Through Malevolent Presence	Computers and Electrical Engineering	May, 2016	52	1	240	252	International	Yes	3	1.57	0.49	1.323
96	A.Christina Josephine Malathi	ELECTROMAGNETIC RADIATION HAZARDS ON HUMANS DUE TO MOBILE PHONES	Indian Journal of science and technology	may,2016	9	20	1	7	International	Yes			0.251	2.108
97	Ravi Kumar CV ,Charilo Bala Vignesh, Sreena Nallamothu, Saranya.K.C	Implementing Mobile Ad Hoc Networks with Improved AODV Protoco	International Journal of Applied Engineering Research	May-16	Volume 11, Number 10		6284	6289	International	yes	Nil		0.149	0.181
98	Tony George, Elizabeth rufus and Zachariah C. Alex	Quality analysis of transformer oil in hermitically sealed tank using ultrasonic lamb wave sensor	Indian Journal of Science and Technology	May-16	9	10	1	6	International	YES	Nil	N	0.251	2.108
99	Dinesh kaarthi. K, Zachariah C. Alex, Sri padaraja. K	Broad side loaded isosceles trapezoidal mems cantilever beam	ARNP Journal of Engineering and applied sciences	May F832016	11(9)		5760	5766	International				0.204	0.391
100	Agarwal, D., Singhal, A., Ravikumar, R., Sridevi, S.	Low power high speed 40-bit tag comparator using domino logic for modern power efficient processors	International Journal of Engineering and Technology	May,2016	8	2	680	691	International	Yes			0.179	0.489
101	Venugopal, P., Suresh, Y.	Cascade multilevel inverter using sub multi-cells	International Review of Electrical Engineering	March-April 2016,	11	2	129	135	International	Yes	Nil	NIL	0.556	0.556
102	Velmurugan, T., Sumathi, D., Saravanan, K., Thanikaiselvan, V.	A study and survey of handoff strategies in next generation wireless networks	International Journal of Applied Engineering Research	Apr-16	Volume 11		4202	4213	International	Yes	Nil	NA	0.149	0.181
103	Sweta Potthuri, T Shankar and Rajesh A	Lifetime improvement in Wireless Sensor Networks using hybrid Differential Evolution and Simulated Annealing (DESA)	Ain Shams Engineering Journal (Elsevier)	Apr-16	In Press				International	Yes	Nil	0	0.632	1.685
104	Ritesh Boda and Jabeena.A.	A design and development of smart wireless sensor network for farming water supply system	International Journal of Applied Engineering Research	April 2016	11	5	3271	3275	International	Yes			0.149	0.181
105	Sourab thonde, yepuganti Karuna	Optimum Design of Linear Phase Paraunitary Filter Bank & its Applications in Signal Processing	International Journal on Recent and Innovation Trends in Computing and Communication	Apr-16	4	4	544	548	International	no	Nil	NA	NA	NA
106	Katamreddy Krishna Sai Anirudh, Pondugula Tarun Reddy, Ravi Kumar CV, Saranya K.C	Improving interference alignment of Gaussian MIMO X Channel and the Gaussian MIMO Z channel	International Journal of Applied Engineering Research	Apr-16	Volume 11, Number 9		6392	6395	International	yes	Nil		0.149	0.181

107	Sivacoumar, R., Gupta, P., Agrawal, S.	Analysis of radio over fiber system's performance after optimizing delay interferometer's parameters and incorporating low pass Chebyshev filters at the receiver	Proceedings of the 2015 International Conference on Applied and Theoretical Computing and Communication Technology, iCATccT	Apr-16	7456928		462	466	national	yes				
108	Pankaj, N.R. Venugopal, P. Mortha, P.	Design of quantum cost efficient reversible multiplier using Reed-Muller expressions	International Journal of Computing Science and Mathematics	Mar-16	7	3	221	228	International	Yes	1	NIL	0.309	0.737
109	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Seamless Vertical Handoff using Invasive Weed Optimization (IWO) algorithm for heterogeneous wireless networks	Ain Shams Engineering Journal	01-Mar-16	7	1	101	111	International	Yes			0.632	1.685
110	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Balanced Cluster Head Selection Based on Modified k-Means in a Distributed Wireless Sensor Network	International Journal of Distributed Sensor Networks	March 1, 2016			5040475		International	Yes	4	1.239	0.271	0.696
111	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	A View on Spectral Unmixing In Hyperspectral Images	Far East Journal of Electronics and Communications	Mar-16	Special Issue	Part I	23	32	International	Yes	5	-	0.359	0.49
112	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Miniaturized Koch Fractal Wearable Antenna for Military Applications	Progress in Electromagnetic Research C	Mar-16	62		179	190	International	Yes			0.231	0.546
113	Idayachandran Govindanarayanan, Nakkeeran Rangaswamy and Rajesh Anbazhagan	Design and Analysis of Broadband Magneto-Electric Dipole Antenna for LTE Femtocell Base Stations	Journal of Computational Electronics (Springer)	Mar-16	15	1	200	209	International	Yes	2	1.526	0.461	0.994
114	Rajesh A and Nakkeeran R	Development and Analysis of Power Saving Models for Energy Conservation in IEEE 802.16m Networks: Towards Green Communication	Wireless Personal Communications (Springer)	Mar-16	87	2	443	460	International	Yes	Nil	0.951	0.313	0.726
115	Debabrata Pal, S.Revathi	Analysis of 32-channel 40 Gbit/s DWDM in Point-to-Point topology	International Journal on Recent and Innovation Trends in Computing and Communication	March,2016	4	3	426	429	International	No		0	NA	NA
116	Vidhya, S., Murari, B.M.	Sol-gel thin film based sensors and biosensors	International Journal of Pharma and Bio Sciences	Jan-March 2016	7 (1)	0975-6299	297	310	International	Yes	Nil	6.268	0.223	0.337
117	V. Nithish Kumar, G. Lakshminarayanan, Mathini Sellathurai	Low Complexity and Area Efficient Reconfigurable Multimode Interleaver Address Generator for Multistandard Radios.	IET Computers and Digital Techniques	Mar-16	10	2	59	68	International	Yes	Nil	0.515	0.21	0.722
118	MS Sudhakar	Biomedical image query in Gaussian-modelled feature space employing GeoSOM with enhanced inverted indexing	The Imaging Science Journal	Feb-16	64	4	179	195	International	Yes		0.489	0.197	0.399
119	G.Ragunath	Low - Power and Area - Efficient Square – Root Carry Select Adders using Modified XOR Gate	Indian Journal of Science and Technology	February 2016	Vol 9	5	1	8	National	Yes	nil	nil	0.251	2.108
120	Jagannadha Naidu, K., Srikanth, M.	Design and verification of Slave block in Ethernet Management Interface using UVM	Indian Journal of Science and Technology	Feb-16	9	87173	1	7	National	Yes	1	0	0.251	2.108
121	Y. Premson, sakthivel R	VLSI Architecture for Image Contrast Enhancement using Modified Adaptive Gamma Correction with Weighting Distribution	Indian Journal of Science and Technology	Feb-16	9(5)				International	yes	0		0.251	2.108
122	Kishore Sanapala,Sakthivel R	Low Power Realization of Subthreshold Digital Logic Circuits using Body Bias Technique	Indian Journal of Science and Technology	Feb-16	Vol 9(5)				International	Yes	0		0.251	2.108
123	Mary, G.I. and Alex, Z.C.	Modelling, analysis and validation of wireless controller area network	Int. J. Engineering Systems Modelling and Simulation	Jan-16	8	1	8	19	International	Yes	Nil	0	0.161	0.363
124	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	PSO algorithm in quadcopter cluster for unified trajectory planning using wireless Ad Hoc network.	Springer	Jan-16	397		819	826	International	Yes	1	Nil	0.153	0.176

125	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	A study on particle swarm optimization in clustering wireless sensor networks	International Journal of Control Theory and Applications	Jan, 2016	8	5			International	discontinued			0.169	0.169
126	Swagath Babu M, Idayachandran G, Rajesh A, Shankar T and Nakkeeran R	Investigation on Defected Ground-plane Structures to Improve Isolation and Correlation in Multi-Band MIMO Antenna	International Journal of Information and Computer Security (Inderscience)	Jan-16	8	3	258	271	International	Yes	Nil	0	0.12	0.187
127	Bavirisetti, D.P., Dhuli, R.	Fusion of Infrared and Visible Sensor Images Based on Anisotropic Diffusion and Karhunen-Loeve Transform	IEEE Sensors Journal	Jan-16	16	7264981	203	209	International	Yes	17	2.512	0.706	1.689
128	Kumar, V. N. and K. V. L. Naravana	Development of an ANN-based Pressure Transducer	IEEE Sensors Journal	Jan,2016	16		53	60	International	Yes	6	2.512	0.706	1.689
129	Vaegae, N. K., V. L. N. Komanapalli and S. Malla	Development of an Intelligent Pressure Measuring Technique for Bellows using Radial Basis Function Neural Network	Sensors & Actuators: A. Physical, Elsevier	Jan,2016	238		240	248	International	Yes	1	2.499	0.803	1.655
130	Budhaditya Bhattacharyya and Vikash Patnaik	Effortless Access: Resistive Touch based Wireless Mouse and Keyboard using Arduino	International Journal of Engineering Research & Technology (IJERT)	January-2016	5	1	183	188	International	No	Nil		NA	
131	A Thomas, Elizebeth Rufus	Alternate Braille displays	Technology and Disability	Jan-16	28	4	123	132	International	Yes			0.284	0.706
132	P. Sathya, R. Natarajan	Effect of Energy Efficient Light Sources on Readability of Students - An Experimental approach	Journal of Engineering Science and Technology	Jan-16	11	1	29	45	International	Yes	Nil	NIL	0.193	0.665
133	Naidu, J.K., Kansagara, K., Kittur, H.M.	On-chip adaptive switched capacitor-based DC-DC converter	International Journal of Power Electronics	Jan-16	8		38	51	International	Yes	1	0	0.251	2.108
134	Padmini, T. N., & Shankar, T.	De-hazing using guided and L0 gradient minimization filters.	Indian Journal of Science and Technology	2016	9	37	1	6	International	Yes	Nil	NA	0.251	2.108
135	Padmini, T. N., & Shankar, T.	A review on visibility restoration of degraded images under inclement weather conditions.	ARPJ Journal of Engineering and Applied Sciences	2016	11	21	12858	12866	International	Yes	Nil	NA	0.204	0.391
136	Shanmugasundaram, M., Kumar, R., & Kittur, H. M.	Performance analysis of preemptive based uniprocessor scheduling.	International Journal of Electrical and Computer Engineering	2016	6	4	1489	1498	International	Yes	Nil	0	0.28	1.091
137	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Efficient DNA sequence analysis for reduced gene selection using frequency analysis	Journal of Chemical and Pharmaceutical Sciences	2016	9	4	3367	3373	International	discontinued	1		0.117	0.205
138	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Micro sequence identification of bioinformatics data using pattern mining techniques in FPGA hardware implementation	Asian Journal of Information Technology	2016	15	1	76	81	International	discontinued	6		0.122	0.499
139	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Accuracy analysis of various classification algorithms for used land	International Journal of Enterprise Network Management	2016	7	2	113	132	International	Yes			0.151	0.44
140	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	FPGA based multi-level architecture for next generation DNA sequencing	Biomedical Research (India)	2016			75	79	International	Yes	2		0.168	0.284
141	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Low Noise Low Power CMOS Telescopic-OTA for Bio-Medical Applications	MDPI Computers	2016	5	4	1	11	International	No				
142	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Polarization shift keying based relay-assisted free space optical communication over strong turbulence with misalignment	Optics and Laser Technology	2016	76	NA	58	63	International	Yes	Nil	2.109	0.628	1.298
143	Derick M., Rani C., Rajesh M., Busawon K., Binns R.	Estimation of Solar Photovoltaic Parameters Using Pattern Search Algorithm	Lecture Notes in Electrical Engineering Spinger	2016	416		184	191	International	Yes			0.127	0.118



144	Rajalakshmi, S., Shankar, T.	Carrier-reuse using rsoain TWDM-PON for broadcast and multicast transmission	International Journal of Pharmacy and Technology	2016	8(4)	Nil	21470	21481	International	Yes	Nil	Nil	0.135	0.237
145	Padmini, T.N., Shankar, T.	De-hazing using guided and L0 gradient minimization filters	Indian Journal of Science and Technology	2016	9(37),	Nil	102115		International	Yes	Nil	Nil	0.251	2.108
146	Shankar, T., James, T., Mageshvaran, R., Rajesh, A.	Lifetime Improvement in WSN using Flower Pollination Meta Heuristic Algorithm Based Localization Approach	Indian Journal of Science and Technology	2016	9(37)	Nil	102117		International	Yes	Nil	Nil	0.251	2.108
147	Rajesh, A., Pragathi, G., Shankar, T.	Investigation of an improved adaptive power saving technique for IEEE 802.11ac systems	Indian Journal of Science and Technology	2016	9(37)	Nil	102111		International	Yes	Nil	Nil	0.251	2.108
148	Srividhya, V., Shankar, T., Karthikeyan, A., Gupta, P.	Energy resourceful distance based clustering and routing algorithm with competent channel allocation scheme for heterogeneous wireless sensor networks	Indian Journal of Science and Technology	2016	9(37)	Nil	102124		International	Yes	1	Nil	0.251	2.108
149	Padmini, T.N., Shankar, T.	A review on visibility restoration of degraded images under inclement weather conditions	ARPJ Journal of Engineering and Applied Sciences	2016	11(21)	Nil	12858	12866	International	Yes	Nil	Nil	0.204	0.391
150	Sasikumar, P., Shankar, T., Khara, S.	Distributed clustering based on node density and distance in Wireless Sensor Networks	Telkomnika (Telecommunication Computing Electronics and Control)	2016	14(3)	Nil	916	922	International	Yes	2	Nil	0.25	0.822
151	4. Rajesh, G.S. and V. Kumar	CSRR Loaded Multi Substrate Antenna for 4G LTE and Wi-MAX Applications.	Indian journal of Science and Technology	2016	9	40	86915		International	Yes	Nil	NA	0.251	2.108
152	Jasmine Pemeena Priyadarisni, M., Srinivasa Rao, I and K. Murugesan	A review on face recognition using different preprocessing methods in images captured under various illumination and posing conditions	ARPJ Journal of Engineering and Applied Sciences	2016	11( 23)		13504	13525	International	Yes	Nil	0	0.204	0.391
153	Ramya, S., Srinivasa Rao, I.	Design of polarization-insensitive dual band metamaterial absorber	Progress In Electromagnetics Research M	2016	50		23	31	International	Yes	1	0	0.2	0.45
154	Venkatesh Murthy, B.T., Srinivasa Rao, I.	High-gain sub-decibel noise figure low noise amplifier for atmospheric radar	Microwave and Optical Technology Letters	2016	58 (7)		1618	1622	International	Yes	Nil	0.72	0.299	0.568
155	Venkatesh Murthy, B.T., Srinivasa Rao, I.	Highly linear dual capacitive feedback LNA for L-band atmospheric radars	Journal of Electromagnetic Waves and Applications	2016	30 (5),		612	625	International	Yes	Nil	0.77	0.288	0.633
156	Ramya, S., Srinivasa Rao, I.	Bandwidth enhanced nearly perfect metamaterial absorber for K-band applications	Lecture Notes in Electrical Engineering	2016	372		27	34	International	Yes	1	0	0.127	0.118
157	Thanikaiselvan, V., Shastri, S., Ahmad, S., Subashanthini, S.	A new pixel value based Steganography method for data security	Indian Journal of Science and Technology	2016	9 (37)	102118			International	Yes	Nil	Nil	0.251	2.108
158	Shastri, S., Thanikaiselvan, V.	PVO based Reversible Data Hiding with improved embedding capacity and security	Indian Journal of Science and Technology	2016	9 (5)		1	7	International	Yes	3	Nil	0.251	2.108
159	Thanikaiselvan, V., Subashanthini, S., Renugadevi, S.	PVD based random data hiding with high payload and PSNR	International Journal of Chemical Sciences	2016	14		747	752	International	Yes			0.229	0.376
160	Subashanthini, S., Jeyanthi, N., Thanikaiselvan, V.	A double layer information security approach through image scrambling and data hiding	International Journal of Chemical Sciences	2016	14		741	746	International	Yes	Nil	Nil	0.229	0.376
161	Thanikaiselvan, V., Bansal, T., Jain, P., Shastri, S.	9/7 IWT domain data hiding in image using adaptive and non adaptive methods	Indian Journal of Science and Technology	2016	9(5)		1	7	International	Yes	3	Nil	0.251	2.108
162	M. Arthi, P. Arulmozhivarman and Vinoth Babu, K	A Quality-Aware Relay Station Deployment scheme for Green Radio Communication.	Journal of Green Engineering	2016	6	2	1	28	International	Yes	Nil	0	0.132	0.27
163	M. Arthi, P. Arulmozhivarman, Vinoth Babu, K and Emy Mariam George	Quality of service aware antenna selection scheme for multi-hop relay networks	AEU-International Journal of Electronics and Communications	2016	71		9	20	International	Yes	1	1.147	0.344	0.874
164	Vinoth Babu, K, Ramachandra Reddy, G and Arthi, M	An Improved Bit loading Technique for Enhanced Energy Efficiency in Next Generation Voice/Video Applications	Journal of Engineering Science & Technology (JESTEC)	2016	11	4	476	495	International	Yes	1	0	0.193	0.665
165	Renuga Devi S., Arulmozhivarman P., Venkatesh C., Pranay Agarwal	Performance comparison of Artificial Neural Network models for daily rainfall prediction	International Journal of Automation and Computing	2016	Vol. 13(5)		417	427	International	Yes			0.416	1.196

166	Thanikaiselvan V, Subashanthini S, Renuga Devi S	PVD based random data hiding with high payload and PSNR	International Journal of Chemical sciences	2016	14		747	752	International	Yes			0.229	0.376
167	Sumathi, D., Velmurugan, T., Nandakumar, S., Rengadevi, S.	Dynamic weight assignment based vertical handoff algorithm for load optimization	Indian Journal of Science and Technology	2016	Vol 9 (37)				International	Yes			0.251	2.108
168	Kalpesh Hiray, Vinoth Babu, K	A Neural Network Based Channel Estimation Scheme for OFDM System,	International Conference on Communication and Signal Processing (ICCSP)	2016			438	441	International					
169	N. I. Eappen, T. S. Reddy and G. R. Reddy,	"Semiparametric Algorithm for Processing MST Radar Data,	IEEE Transactions on Geoscience and Remote Sensing,	2016	54	5	2713	2721	International	Yes		4.942	2.461	3.102
170	G. Ramachandra Reddy, Arunprakash Jayaprakash, N.S.S.R.K. Prasad,	Small target detection within sea clutter based on fractal analysis,	Procedia Technology,	2016	24		988	995	International		1			
171	Anju Anna Jacob, L. Balakrishnan, S.R. Meher, K.Shambavi, Z.C.Alex	Structural, Optical and photodetection characteristics of Cd alloyed ZnO thin film by spin coating"	Journal of Alloys and Compounds	2016	695		3753	3759	International	Yes	3	3.133	0.961	1.321
172	K. Shambavi, Zachariah C Alex	Sierpinski Fractal Monopole Antenna with Ring Structure for UWB Applications	International Journal of Microwave and Optical Technology	2016	11	5	310	315	International	Yes			0.12	0.293
173	Abhijit Bhowmick, S. D. Roy, and S. Kundu	Multi-slot based spectrum sensing with improved energy detector for cognitive radio network in presence of Rayleigh fading	Computer & Electrical Engineering, Elsevier	2016	56		75	84	International	Yes		1.57	0.49	1.323
174	Abhijit Bhowmick, S. D. Roy, and S. Kundu	Joint impact of sensing time and IED parameter on the performance of an energy efficient cognitive radio system	IJCS, Wiley	2016	29	15	2262	2278	International	Yes		1.066	0.4	0.9
175	Abhijit Bhowmick, Binod Prasad, S. D. Roy, and S. Kundu	Performance of Cognitive Radio Network with Novel Hybrid Spectrum Access Schemes	Wireless Personal Communications, Springer	2016	91	2	541	560	International	Yes		0.951	0.31	0.72
176	Varshney, A., Sangeetha, A	Analysis of outage probability in coherent ofdm and fast-ofdm systems in terrestrial and underwater wireless optical communication links	ARPJ Journal of Engineering and Applied Sciences	2016	11		14142	14146	International	Yes			0.204	0.391
177	Kanishak Kesarwani, S.M Pranav, Tanish Nikhilesh Noah and K.V.N. Kavitha	Design of Temperature Based Speed Control System Using Arduino Microcontroller	International Journal of Chemical Sciences	2016	14		753	760	International	Yes			0.229	0.376
178	K. V. N. Kavitha, Kalapraveen Bagadi	Slope Intercept Model Estimation for MIMO-OFDM system in the WiMAX Environment	WSEAS TRANSACTIONS on COMMUNICATIONS	2016			224	232	International	yes			0.119	0.467
179	Sankar Ganesh, S., Mohanaprasad, K., & Karuna, Y.	Object identification using wavelet transform	Indian Journal of Science and Technology	2016	9	5	1	1	International	Yes	4		0.251	2.108
180	Lavin Khandelwal And K.V.N. Kavitha	Software analysis for setting up a Unified Communication System	International Journal of Chemical Sciences	2016	14		710	718	International	Yes			0.229	0.376
181	S. R. Meher, L.Balakrishnan, Z C Alex	Analysis of Cu2 Zn Sn S4/Cds based photovoltaic cell: A numerical simulation approach	Superlattices and micro structures	2016	100		703	722	International	YES		2.09	0.583	0.994
182	T George, E Rufus, AC Alex	Feasibility study of minute flaw detection using ultrasonic waves	International journal of applied engineering research	2016			2805	2809	International	Yes		0.13	0.149	0.181
183	I. Mala serene, Rajasekaran babu, M, Zachariah c.Alex	Optical MEMS sensor for measurement of Low stress using Ptolemy II	Advances in systems science and application	2016	16(3)		76	93	International			0.21	0.126	0.59
184	R. Poonkuzhalu, Zachariah C. Alex and T. Balakrishnan	Miniaturized wearable fractal antenna for military applications at VHF band	Progress in Electromagnetics research C	2016	62		179	190	International				0.231	0.546

185	Chelli. N. Devi, anupama chandrasekaran, v.K. Sundararaman and Zachariah C. Alex	Hybrid method for brain tissue classification in magnetic resonance images of children	Indian journal of science and Technology	2016	9(28)		1	5	National				0.251	2.108
186	K. Govardhan, A. Nirmala Grace	Metal/Metal Oxide Doped Semiconductor Based Metal Oxide Gas Sensors—A Review	Sensor Letters	2016	14	1	1	10	International	Yes	5	0.43	0.169	0.797
187	K. Govardhan and Andrews Nirmala Grace	Temperature Optimized Ammonia and Ethanol Sensing Using Ce Doped Tin Oxide Thin Films in a Novel Flow Metric Gas Sensing Chamber	Journal of Sensors	2016		1	1	12	International	No	Nil	1.4	0.276	1.611
188	Jagannadha Naidu, K., Kittur, H.M.	A 90 % efficiency, 250 MHz on-chip adaptive switched capacitor based DC–DC converter	Analog Integrated Circuits and Signal Processing	2016	89		451	460	International	Yes			0.233	0.579
189	Mohammed, Z.V., Kittur, H.M.	Precharge-Free, Low-Power Content-Addressable Memory	IEEE Transactions on Very Large Scale Integration (VLSI) Systems	2016	24	7398137	2614	2621	International	Yes	3		0.447	1.777
190	Jayakrishnan, P., Kittur, H.M.	Pipelined architecture for motion estimation in HEVC video coding	Indian Journal of Science and Technology	2016	9	89148			International	Yes			0.251	2.108
191	Shanmugasundaram, M., Kumar, R., Kittur, H.M.	Performance analysis of preemptive based uniprocessor scheduling	International Journal of Electrical and Computer Engineering	2016	6		1489	1498	International	Yes			0.28	1.091
192	Jagannadha Naidu, K., Kittur, H.M.	On chip DC-DC converter with high switching frequency and low ripple voltage	Indian Journal of Science and Technology	2016	9	87171			International	Yes	3		0.251(2016)	2.108(2016)
193	Naidu, J.K., Kansagara, K., Kittur, H.M.	On-chip adaptive switched capacitor-based DC-DC converter	International Journal of Power Electronics	2016	8		38	51	International	Yes	1		0.133	0.25
194	Hosur, K.N., Attimarad, G.V., Kittur, H.M., Kerur, S.S.	Design and simulation of low power successive approximation register for A/D converters using 0.18um CMOS technology	International Journal of Engineering and Technology	2016	8		742	750	International	Yes			0.179	0.489
195	S Ramanathan and Prayline Rajabai C	FPGA Implementation of an Area Optimized Architecture for 128 bit AES Algorithm	International Journal of Engineering Research and Applications	2016	6	5	41	45	International	No	Nil	-	-	-
196	C Prayline Rajabai, and S Sivanantham	A Study on Vision Based Fall Detection for Automated Geriatric Care	Research Journal of Pharmaceutical, Biological and Chemical Sciences	2016	7	4	439	445	International	Yes	Nil	-	0.223	0.404
197	SINNY P. SUNNY, S. SIVANANTHAM and C. PRALINE RAJABAI	MULTI-MASTER AMBA AHB PROTOCOL VERIFICATION USING TLM BASED UVM ENVIRONMENT	International Journal of Chemical Sciences	2016	14	3	769	776	International	Yes	Nil	-	0.229	0.376
198	Vajrala Anil Reddy, C.Prayline Rajabai and S.Sivanantham	Hardware Implementation for the 32X32 IDCT of High-Efficiency Video Coding	Asian Journal of Applied Science and Technology	2016	1	5	127	130	National	No	Nil	-	-	-
199	Divakar, D., Arunachalam, V.	Power domain, physical aware scan chain allocation and reordering	Indian Journal of Science and Technology	2016	9	37	102	139	International	Yes	Nil	0	0.251	2.108
200	N. Rajeev Pankaj, P. Venugopal, Prasanthi Mortha	Design of quantum cost efficient reversible multiplier using Reed Muller Expressions	Int. J. Computing Science and Mathematics	2016	Vol. 7	3	221	228	International	Yes	NIL	NIL	0.309	0.737
201	Satheesh kumar, Venugopal p, Rajeev Pankaj N	Verification of master slave using AMBA AXI-OCF protocol	Int. J. pharmacy & Technology	2016	vol.8	3	17634	17644	International	Yes	NIL	NIL	NIL	NIL
202	Ravi, S., Sinha, S., Adithyan, R., Kittur, H.M.	Design and analysis of clock gating elements	Indian Journal of Science and Technology	2016	9(5)	87184			International	YES	1		0.251	2.108
203	Chitra, P., Ravi, S., Ramakrishnan, V.N.	A soft error study on tri-gate based FinFET and junctionless-FinFET 6T SRAM cell - A comparison	Telkommika (Telecommunication Computing Electronics and Control)	2016	14(4)		1299	1306	International	YES			0.25	0.822
204	Dhanabal R., Sahoo S.K.	Design and implementation of floating point unit using 15 nm FIFET	Indian Journal of Science and Technology	2016	9	102131			International	YES	0		0.251	2.108
205	Thilagavathi K., Sivanantham S.	An Efficient Technique to Reduce Average and Peak Power in Scan Based BIST	Indian Journal of Science and Technology	2016	9	102135			International	Yes	Nil		0.22	0.45
206	Sivanantham S., Paul N.N., Iyer R.S.	Object tracking algorithm implementation for security applications	Far East Journal of Electronics and Communications	2016	16		1	13	National	Yes	5		0.359	0.49

207	Sathasivam S., Venu Reddy G.	ASIC implementation of high throughput FFT processor for scientific applications	Indian Journal of Science and Technology	2016	9	87165			National	Yes	Nil		0.251	2.108
208	Sathasivam S., Khaja Rahamathulla S.	Implementation of HDB3 encoder chip design	Indian Journal of Science and Technology	2016	9	87170			National	Yes	1		0.251	2.108
209	Snigdha G., Sivanantham S.	Dynamic clock alignment using delay locked loop	International Journal of Chemical Sciences	2016	14		733	740	International	Yes	Nil		0.229	0.376
210	Jean Jenifer Nesam J., Sathasivam S.	An efficient single precision floating point multiplier architecture based on classical recoding algorithm	Indian Journal of Science and Technology	2016	9	87159			National	Yes	2		0.251	2.108
211	Sathasivam S., Dilipbhai S.J., Jitendrabha B.A., Sinha S.	Implementation of distributed arithmetic based reconfigurable FIR digital filter	Asian Journal of Scientific Research	2016	9		34	38	International	Yes	Nil		0.195	0.549
212	Sunny S.P., Sivanantham S., Rajabai C.P.	Multi-Master amba ahb protocol verification using tlm based uvm environment	International Journal of Chemical Sciences	2016	14		769	776	International	Yes	Nil		0.229	0.376
213	Jose P.C., Karthikeyan S., Batri K., Sivanantham S.	An efficient algorithm for tracing minimum leakage current vector in deep-sub Micron circuits	Advances in Intelligent Systems and Computing	2016	452		59	69	International	Yes	Nil		0.12	0.312
214	K.Anusudha, N.Venkateswaran & J.Valarmathi	Secured Medical Image Watermarking with DNA Codec. Multimedia Tools and Applications	Multimedia Tools and Applications (Springer),	2016	76	2	2911	2932	International	Yes	3	1.53	0.396	0.775
215	J. Christopher Clement, D.S. Emmanuel	Sensing UHF-TV spectrum for Narrowband Cognitive Radios in a Malicious Presence	Canadian Journal of Electrical and Computer Engineering	2016	39	2	141	149	International	Yes	1	1.091	0.261	0.694