School of Electronics Engineering

Journal Publication Details - 2015

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	Rajee, M.K Vyas, M. Warghade, S.Sr, Venugopal, P.	Vehicle telematics and its applications	International Journal of Applied Engineering Research	Dec 2015	10	23	43726	43730	International	Yes	Nil	NIL	0.149	0.181
2	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	OPP approach for multi degree of freedom robotic arm Based on Kinematics and Dynamics of Robot	International Journal of Robotics and Automation	Dec-15	4	4	284	291	International	Yes	Nil	nil	0.303	0.606
3	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Quantitative Approach of Speckle Noise Reduction on Synthetic Aperture Radar Images	International Journal of Applied Engineering Research	Dec-15	Vol. 10 No.30	No.10	22702	22707	International	Yes			0.149	0.181
4	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Design of multiband fractal antenna with equal and unequal scaling	International Journal on Applied Engineering Research	Dec-15	10	30	22676	22680	International	Yes			0.149	0.181
5	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Design Of 1:8 Way Unequal Feed Network With A Minimum Side Lobe Level for L Band Radar applications	International Journal on Applied Engineering Research	Dec-15	10	30	22732	22738	International	Yes			0.149	0.181
6	Suryanarayana, G., Dhuli, R.	Simultaneous edge preserving and noise mitigating image super-resolution algorithm	AEU - International Journal of Electronics and Communications	Dec-15	70		409	415	International	Yes	3	1.147	0.344	0.874
7	M. Jasmine Pemeena Priyadarsini, K. Murugesan, Srinivasa Rao Inabathini, G.K Rajini, Dinesh , Ajay Kumar. R ,	Recognizing the 2D face using Eigen Faces by PCA	Journal of Theoretical and Applied Information Technology	Dec,2015	Vol.82	No.1	143	153	International	Yes			0.167	0.387
8	P. Sathya, R. Natarajan	An Improved Feed Forward PWM Control for MPPT of Solar PV Systems Under Varying Atmospheric Conditions	International Journal of Renewable Energy Research	Dec-15	5	4	1164	1173	International	Yes	1	NIL	0.286	0.561
9	Sivanantham, S., Adarsh, R., Bhargav, S., Jagannadha Naidu, K.	Partial reconfigurable implementation of IEEE802.11g OFDM	Indian Journal of Science and Technology	Dec-15	8	90317	1	6	National	Yes	4	0	0.251	2.108
10	Sathish Kumar,S. Saravanan,R Sakthivel	Design of modified explicit pulse data- close-to-output Flip-flop	ARPN Journal of Engineering and Applied Sciences	Dec-15	10		10361	10366	International	yes	0		0.204	0.391
11	P Chitra, V N Ramakrishnan	Radiation Induced SEU Impact on DG-SOI FINFET based Class E RF Power Amplifier	International Journal of Applied Engineering and Research	Nov-15	10	14	34155	34160	International	Yes	Nil	NA	0.149	0.181

No.	Authors	Title	Journal	Date	Vol	Issue	Start Page	End Page	Level	Col1	Col2	Col3	Col4	Col5
12	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	NORM Technique based PAPR reduction in MC CDMA system	Journal of Information Communication Technology (ICT) research and application	Nov-15	9	2	129	147	International	No	Nil	nil	0.132	0.685
13	Kishore V Krishnan, Sajith Rajan M, Sibaram Khara	Dynamic Resource Allocation in OFDM Based Cognitive Radio System Considering Primary User QoS and Secondary User Proportional Constraints	Journal of Communications Technology and Electronics	Nov, 2015	60	11	1269	1275	International	Yes	3	0.446	0.236	0.711
14	Naveen Kumar, V. and K. Venkata Lakshmi Narayana	Development of a Novel Thermistor Signal Conditioning Circuit using Artificial Neural Networks	IET-Science, Measurement and Technology	Nov, 2015	9		955	961	International	Yes	4	1.263	0.408	0.778
15	A.Christina Josephine Malathi	Design Of Hairpin Bandpass Filters Using Coupled Resonator Theory	International Journal of Applied Engineering Research	Nov,2015	10	14	33954	33957	International	Yes			0.149	0.181
16	Sreekar Chintalapati, Meghana Reddy and P.Sathya	FSK Demodulator – Case Study of PLL Application	International Journal of Advanced Engineering, Management and Science	Nov-15	1	8	18	23	International	No	Nil	NIL	NIL	NIL
17	R Sakthivel,M Vanitha,Kishore.S,Thirumalesh K	Low Power Modulo 1 Multiplier Using Data Aware Adder Tree	Procedia Computer Science	Nov-15	70		355	361	International	Yes	0		0.267	0.705
18	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Performance Enhancement of PIC based STBC coded MC CDMA by MAI reduction using Binary Orthogonal Complementary Sequence	Telecommunication and RadioEngineering	Oct-15	74	11	999	1012	International	Yes	Nil	-	0.197	0.472
19	Kishore V. Krishnan, Sajith Rajan M and Sibaram Khara	Dynamic Resource Allocation in OFDM Based Cognitive Radio System Considering Primary and Secondary Users QoS	Radioelectronics and Communications Systems	October, 2015	58	10	444	451	International	Yes	3		0.2	0.462
20	S.SUBHA BHARATHI, A.BAGUBALI, KISHORE V KRISHNAN . DEEPIKA RANISONA, PRANEET DUTTA	PERFORMANCE ANALYSIS OF UMTS AND WLAN INTERGERATED NETWORK ARCHITECTURE	GLOBAL JOURNAL OF PURE AND APPLIED MATHEMATICS	Oct-15	VOLUME 11 NUMBER 5	0973-1768	3393	3400	International	YES	Nil	NO	0.16	0.296
21	R. Sivacoumar., Alex, Z.C.	Quasi phase matched second harmonic generation using five fold symmetric photonic quasi crystal fiber	Optoelectronics and Advanced Materials, Rapid Communications	Oct-15	9(9-10)		1208	1213	International	Yes	Nil	0.47	0.234	0.268
22	Chitra,P., Ramakrishnan, V.N.	Radiation induced SEU impact on DG-SOI FINFET based class E RF power amplifier	International Journal of Applied Engineering Research	Oct-15			34155	34160	International	Yes	Nil		0.149	0.181
23	Velmurugan, T., Khara, S., Basavaraj, B	Modified handoff algorithm for providing optimization in heterogeneous wireless networks	Evolving Systems	21-Sep-15	Volume 6		199	208	International	Yes	3	NA	0.459	0.86
24	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Comparison and Optimization of Layer2 and Multilayer Switch Protocols to Implement Converged and Reliable Network	International journal of Applied Engineering and Research	Sep-15	10	8	20139	20154	International	Yes	Nil	N	0.13	0.166

No	Author	Title	Journal	Date	Vol	Issue	Start	End	Level	Referred				
25	V. Rajeshkumar and S. Raghavan	A compact asymmetric monopole antenna with electrically coupled SRR for WiMAX/WLAN/UWB applications.	Microwave and Optical Technology Letters, Wiley Publications	Sep-15	57		2194	2197	International	YES	4	0.731	0.299	0.568
26	Madathil, D., Rajam, C., Rajendran, N.	In silico analysis of mytilus galloprovincialis proximal thread matrix protein with synthetic and phyto inhibitors	International Journal of Pharmaceutical Sciences Review and Research	Sep-15	32		293	297	International	Yes			0.198	0.389
27	Kumbhar Shrikant Sudhakar , Birajdar Amar Dnyanoba , Prakash Ramachandran	Protocol Development for Indoor Navigation using Bluetooth Device	Indian Journal of Science and Technology	Sep-15	8	21	1	7	national	yes	3	0	0.251	2.108
28	R Sakthivel,M Vanitha,Sneha Singh	Low Leakage Power Vedic Multiplier using Standard Cell Design	Indian journal of science and techology	Sep-15	8		1	5	International	yes	0		0.251	2.108
29	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	De Bruijn Sequence based Peak Power Control and Interference Mitigation using MC CDMA System	Springer	Aug-15	10	8	972	981	International	Yes			0.193	0.665
30	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	compact Printed Dipole Antenna for L- band Radar Applications,	International Journal on Communications Antenna Propagation,	Aug-15	5	4	178	182	International	Yes	1		0.959	1.053
31	Kathirvelan and Vijayaraghavan	Detection of methane using multi-walled carbon nanotubes	Bulletin of Materials Science	Aug.2015	38		909	913	International	Yes		0.9	0.3	0.486
32	Birajdar Amar Dnyanoba , B. Nagajayanthi , Prakash Ramachandran	Development of an Embedded System to Track the Movement of Bluetooth Devices based on RSSI	Indian Journal of Science and Technology	Aug-15	8	16	1	7	national	yes	3	0	0.251	2.108
33	M. R. Navya , Prakash Ramachandran	Development of Secured Home Automation using Social Networking Sites	Indian Journal of Science and Technology	Aug-15	8	20	1	7	national	yes	3	0	0.251	2.108
34	Sivasankaran, K., Mallick, P.S.	Impact of parameter fluctuations on RF stability performance of DG tunnel FET	Journal of Semiconductors	Aug-15	36	84001	1	5	International	Yes	2	0	0.242	0.405
35	Shanmugasundaram, M., Kumar, R., & Mallikarjun, K. H.	Approaches for transient fault tolerance in multiprocessor - A state of art.	Indian Journal of Science and Technology	July, 2015	8	15	1	9	International	Yes	3	0	0.251	2.108
36	A bagubali, Kishore V Krishnan, M Shanmuga sundaram, K Saravanan	Review on Integration of IP Multimedia Subsystem with Femtocells Network	International Journal of Applied Engineering Research (IJAER)	Jul-15	6		19305	19312	International	Yes	Nil	NA	0.149	0.181
37	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Home automation using GSM	Int J Appl Eng Res	Jul-15	10	7	17200	17200	International	Yes	Nil	Nil	0.13	0.166
38	Jabeena.A and Jayabarathi.T, "	Firefly algorithm for optimal relay placement in wireless optical communication system "	International Journal of Microwave and optical Technology,	Jul-15	10	4	296	300	International	Yes			0.12	0.293
39	S.Revathi , Srinivasa Rao Inbathini, Ram sandeep	Pressure and Temperature Sensor Based on a Dual Core Photonic Quasi-Crystal Fiber	Optik	July, 2015	126	22	3395	3399	International	Yes	3	0	0.307	0.703
40	J. Christopher Clement, D.S. Emmanuel, J. Jenkin Winston	Improving Sensing and Throughput of the Cognitive Radio Network	Circuits, Systems and Signal Processing	July, 2015	34	1	249	267	International	Yes	4	1.694	0.563	1.004

No	Authors	Title	Journal	Month-Year	Vol	Issue	Page Start	Page End	Scope	Referred	Citations			
41	R. Sivacoumar., Alex, Z.C.	Fivefold symmetric photonic quasi-crystal fiber for dispersion compensation from S- to L-Band and Optimized at 1.55 m	Advances in OptoElectronics	Jul-15		417401			International	yes			0.154	0.324
42	K.Vijay Kumar,R Sakthivel,M Vanitha	Design and Implementation of Double tail Dynamic Comparator for Low Power 3-bit Flash ADC	International Journal of Applied Engineering Research	Jul-15	10		28295	28304	International	yes	0		0.149	0.181
43	P Chitra, V N Ramakrishnan	Effect of underlap and its soft error performance in 30 nm Junctionless-based 6T-SRAM cell	TELKOMNIKA International Journal of Telecommunication, Computing Electronics and Control	Jun-15	13	2	451	459	International	Yes	2	NA	0.25	0.822
44	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	MAI mitigation using V-BLAST and PIC based binary orhtogonal code spreaded Multi Antenna MC CDMA system	International Journal on Communication, Antenna Propagation	Jun-15	5	3	138	143	International	Yes			0.959	1.053
45	Jabeena.A and Jayabarathi.T,	"Hybrid Differential Evolution (HDE) Algorithm Based Optimization Technique for Relay Assisting Wireless Optical Communication"	Research Journal of Applied Sciences, Engineering and Technology,	June 2015	10	5	514	521	International	Yes			0.144	0.404
46	V. Rajeshkumar and S. Raghavan	SRR based Polygon Ring Penta-band Fractal Antenna for GSM/WLAN/WiMAX/ITU band Applications	Microwave and Optical Technology Letters, Wiley Publications	Jun-15	57		1301	1305	International	YES	Nil	0.731	0.299	0.568
47	N. Manjula, G. Selvan, S. Thanka Rajan, Ayeshamariam, S. Muthuraja, M.Jayachandran	Properties of SnO2-TiO2 composite films deposited using Jet Nebulizer Spray pyrolysis for gas sensors	Materials science forum	Jun-15	832		94	101	International	yes	Nil		0.186	0.306
48	Adapa Varsha, Kora Nikitha, S.Muthuraja	Monitoring human joint movement using wearable computing	Journal of recent research in engineering and technology	Jun-15	2		47	51	International	No	Nil	-		
49	V. Nithish Kumar, Koteswara Rao Nalluri, G. Lakshminarayanan, Mathini Sellathurai	An Improved Reconfigurable FIR Filter using Common Subexpression Elimination Algorithm for Cognitive Radio	Journal of Low Power Electronics	Jun-15	11	2	181	189	International	Yes	Nil	0	0.163	0.357
50	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Analysis of 3D Laser Range Finder for Defense Applications	International Journal of Recent Technology and Engineering (IJRTE)	May-15	4	2	15	19	International	No	Nil	Nil	Nil	nil
51	Anwesha Dutta, Shivangi and J. Valarmathi	Blade Tip Clearance Measurement Using Microwave Sensing System'	International Journal of recent advances in mechanical Engineering,	May,2015	4	2	1	8	International	No				
52	Deepa Madathil, N. Rajendran	Characterization of Antibacterial Compounds from Plants by FTIR and GC-MC Analyses	Journal of Pure and Applied Microbiology	May-15	9		333	339	International	yes			0.135	0.158
53	Yadav, J., Rani, A., Singh, V., Murari, B.M.	Comparative Study of Different Measurement Sites Using NIR Based Non-invasive Glucose Measurement System	Procedia Computer Science	May-15	70	10.1016/j.procs.2015.10.082	469	475	International	Yes	1	0.88	0.267	0.705

No	Authors	Title	Journal	Date	Volume	Issue	Page Start	Page End	Level	Indexed	Citations			
54	Sasikumar K, George Priya Doss C, Adalarasu K.	Analysis of physiological signal variation between autism and control group in south Indian population	Biomedical Research –India	May-15	26	3	525	529	National	Yes	2	0.236	0.168	0.284
55	A. Ayeshamariam, M. Kashif, S. Muthu Raja, S. Sivaranjani, C. Sanjeeviraja, M. Bououdina,	Structural, Morphological and optical characterization of electrodeposited ZnSe thin fims	Journal of Indian chemical Society	May-15	92		747	754	National	yes	Nil	0.62	0.13	0.106
56	Sridevi S, Jadhav A, Gupta M, Kate S.	Design and implementation of IEEE 754 compatible dual mode floating point coprocessor	International Journal of applied engineering research,	May,2015	10	9	22535	22544	International	Yes			0.149	0.181
57	S.Sundar,R.Kumar, Harish M.Kittur	Securing DSR protocol from selfish node attack	International Journal of Applied Engineering Research	APRIL'2015	Volume 10, Number 7 (2015)	NA	18079	18087	International	Yes	Nil	NA	0.149	0.181
58	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Performance analysis of Raman LIDAR (Light Detection and Ranging) for detecting remote trace explosives	International Journal of Advanced Research in Computer and Communication Engineering	Apr-15	4	4	349	354	International	No	Nil	Nil	Nil	nil
59	S. Anand, M. S. Darak, and D. Sriram Kumar	Investigations on Titanium-doped Indium Oxide based Optically Transparent Terahertz U-shaped Patch Antenna	Journal of Computational and Theoretical Nanoscience	April, 2015	12		660	664	International	Yes	Nil		0.23	0.433
60	Charu Bharatiya, Ashish.P	Image Processing Based Rose Harvesting System using Raspberry Pi	International Journal of Engineering Research & Technology (IJERT)	Apr-15	4		1049	1052	International	NO	Nil	0	0	0
61	Yadav, J., Rani, A., Singh, V., Murari, B.M.	DocumentProspects and limitations of non-invasive blood glucose monitoring using near-infrared spectroscopy	Biomedical Signal Processing and Control	Apr-15	18	10.1016/j.bspc.2015.01.005			International	Yes	31	2.82	0.659	1.574
62	Prakash Ramachandran, Zachariah C Alex,Anith Nelleri	Compressive Fresnel digital holography using Fresnelet based sparse representation	Optics comunication (elsevier)	Apr-15	340		110	115	international	yes	6	1.65	0.633	0.924
63	M.Aarthy	FPGA Implementation of Sequential Minimal Optimization for MFCC-SVM Based Speech Recognition	International Journal of Engineering Research &Technology	Apr-15	4				International	No	NIL	NIL	NIL	
64	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Modeling and Performance Analysis of an Improved Data Channel Assignment (DCA) Scheme for 3G/WLAN Mixed Cells	International Journal of Wireless Information Networks	Mar-15	22	1	10	28	International	Yes			0.187	0.575
65	Rajesh Anbazhagan and Nakkeeran Rangaswamy	Investigations on Enhanced Power Saving Mechanism for IEEE 802.16m Network with Heterogeneous Traffic	Journal of Network and Computer Applications (Elsevier)	Mar-15	51	1	91	101	International	Yes	Nil	3.5	0.807	2.509
66	Bagubali, A, Deepika Rani Sona, Kishore V. Krishnan, Subhabharathi, Dutta	Performance analysis of UMTS and WLAN integrated network architecture	Global Journal of Pure and Applied Mathematics	March, 2015	11	5	3393	3400	International	Yes			0.16	0.296
67	Naveen Kumar, Vaegae and K. V. L. Narayana	Investigation of Artificial Neural Network Techniques for Thermistor	Sensors & Transducers Journal	March,2015	186		55	63	International	No	Nil	0	NA	NA

No	Authors	Title	Journal	Date	Vol	Issue	Page Start	Page End	Type	Referred	Citations	IF	Val1	Val2
68	M. Jasmine Pemeena Priyadarsini, K. Murugesan, Srinivasa Rao Inabathini, J. Vishal, S. Anand and Rahul N. Nair.	Performance Evaluation of LDA, CCA and AAM,	Research Journal of Applied Sciences, Engineering and Technology	Mar,2015	Vol.9	Issue.9	685	699	International	Yes			0.144	0.404
69	S. Anand, M. S. Darak, D. Sriram Kumar, and Murthy Chavali	Analysis of Titanium-doped Indium Oxide Based Optically Transparent Patch Antenna for Terahertz Communications	Journal of Computational and Theoretical Nanoscience	March, 2015	12		341	344	International	Yes	2		0.23	0.433
70	V. Rajeshkumar and S. Raghavan	Bandwidth Enhanced Compact fractal antenna for UWB applications with 5–6 GHz band rejection	Microwave and Optical Technology Letters, Wiley Publications	Mar-15	57		607	613	International	YES	6	0.731	0.299	0.568
71	V. Rajeshkumar and S. Raghavan	A Compact Frequency Reconfigurable Split Ring Monopole Antenna for WLAN/WAVE Applications.	Applied Computational Electromagnetic Society (ACES) Journal	Mar-15	30		338	344	International	YES	1	0.45	0.201	0.369
72	Deepa Madathil, N. Rajendran	Assessment of Antibiofilm Activity of Extracts from Selected Biological Sources	Journal of Pure and Applied Microbiology	Mar-15	9		845	856	International	yes			0.135	0.158
73	Kumar, V. N., K. V. L. Narayana, A. Bhujangarao and S. Sankar	Development of an ANN-Based Linearization Technique for the VCO Thermistor Circuit,	IEEE Sensors Journal	Feb,2015	15		886	894	International	Yes	11	2.512	0.706	1.689
74	Rahul Patil and Valarmathi J,	OS-CFAR Based on Insertion Sorting Algorithm Using Linked-List Structure'	International Journal of Digital Application & Contemporary research	Feb,2015	3	7			International	No				
75	S. Anand, M. S. Darak, and D. Sriram Kumar	Analysis of graphene based optically transparent patch antenna for terahertz communications	Physica E: Low-dimensional Systems and Nanostructures, Elsevier	February, 2015	66		67	73	International	Yes	18	2.221	0.565	0.846
76	S. Anand, and D. Sriram Kumar	Performance analysis and comparison of ITO and FTO based optically transparent terahertz U-shaped patch antennas	Physica E: Low-dimensional Systems and Nanostructures, Elsevier	February, 2015	66		52	58	International	Yes	7	2.221	0.565	0.846
77	Jeeva J.B., Singh M	Reconstruction of optical scanned images of inhomogeneities in biological tissues by Monte Carlo simulation	Computers in Biology and Medicine	February, 2015	60		92	99	International	yes	3	2.13	0.547	1.031
78	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Design of Sierpenski Carpet Fractal Antenna For Body Worn Applications	International Journal of Microwave and Optical Technology,	Jan-15	10	1	28	33	International	Yes			0.139	0.18
79	Bavirisetti, D.P., Dhuli, R.	Multi sensor image fusion using saliency map detection	International Review on Computers and Software	Jan-15					International	Yes	3	0	0.336	0.384
80	K. V. L Narayana, V. N. Kumar, M Dhivya, RP Raj	Application of Ant Colony Optimization in Tuning a PID Controller to a Conical Tank	Indian Journal of Science and Technology,	Jan,2015	8		217	223	International	No	Nil	NA	0.251	2.108
81	Bagubali, A., Prithiviraj, V., Mallick, P.S., Kishore V Krishnan	Review on integration of IP multimedia subsystem withfemtocells network	Advances in Intelligent Systems and Computing	January, 2015	10	8	19305	19312	International	Yes			0.149	0.181
82	V. Rajeshkumar and S. Raghavan	A Compact Metamaterial Inspired Triple band Antenna for Reconfigurable WLAN/WiMAX Applications.	AEU - International Journal of Electronics and Communications, Elsevier	January, 2015	69		274	280	International	YES	21	1.147	0.344	0.874

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83	Subramaniam Chiitur.K and Muthuraja.S	Design and simulation of methanol sensing devices using DMFC technology	MRS Online proceedings	Jan-15	1774		41	50	International	yes	1		0.138	0.078
84	Akshay, D., Sharma, S.M., Vyas, L.A., Sivasankaran, K.	Design of low power and area efficient 4-bit arithmetic and logic unit using nanoscale FinFET	Indian Journal of Science and Technology	Jan-15	8		250	256	International	Yes	2	0	0.251	2.108
85	Siddharth Saxena,M. Srikanth,Shantanu JawaleR Sakthivel	Efficient VCO using FinFET	Indian journal of science and techology	Jan-15	8		262	270	International	yes	0		0.251	2.108
86	Karthikeyan, B., Kumar, R., Rao Inabathini, S	Development of wireless sensor network for environment monitoring applications	Journal of Electrical Engineering	2015	volume 15, issue 2		47	54	International	Yes	Nil	NA	0.109	0.061
87	Bharathi, M.,Sairam, R.,Sundar, S.,Vidhyapathy, C.M.	Securing AODV protocol from selfish node attack	ARPN Journal of Engineering and Applied Sciences	2015	10(12)	NA	5286	5290	International	Yes	Nil	NA	0.204	0.391
88	Padmini, T. N., BhargavKumar, G., Reddy, B., & Mahalakshmi, S.	Assistive device for visually impaired.	International Journal of Applied Engineering Research	2015	10	1	241	247	International	Yes	Nil	NA	0.149	0.181
89	Padmini, T. N., Jahnavi, K., & Snigdha, P. S.	An edge preserving smoothening filter for visibility restoration of hazy images	International Journal of Applied Engineering Research,	2015	10	4	10079	10086	International	Yes	Nil	NA	0.149	0.181
90	Shetty, A. K. P., Ketan, K., & Shanmugasundaram, M.	Embedded web server application for industrial automation	Indian Journal of Science and Technology	2015	8	**	272	277	International	Yes	1	0	0.251	2.108
91	Bagubali, A., Krishnan, K. V., Shanmugasundaram, M., & Saravanan, K.	Review on integration of IP multimedia subsystem with fem to cells network.	International Journal of Applied Engineering Research	2015	10	8	19305	19312	International	Yes	Nil	0	0.149	0.181
92	James T, Shankar T, Karthikeyan A, Rajesh A.	Sensor node localization in wireless sensor networks using flower pollination metaheuristic algorithm	International Journal of Applied Engineering Research	2015,	Volume 10, Issue 20,	NIL	16404	16408	International	Yes	Nil	NA	0.149	0.181
93	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Performance analysis of UMTS and WLAN integrated network architecture	Global Journal of Pure and Applied Mathematics	2015	11(5)		3393	3400	International	discontinued	Nil		0.16	0.296
94	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Acoustic guitar tuner and identification of chords using LabVIEW	Global Journal of Pure and Applied Mathematics	2015	11(3)		1171	1178	International	discontinued	Nil		0.16	0.296
95	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Deforestation identification model using satellite images by color based segmentation	International Journal of PharmTech Research	2015	8	4	776	781	International	discontinued			0.404	0.749
96	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Enhanced classification algorithms for the satellite image processing	Indian Journal of Science and Technology	2015	8	15			International	discontinued	Nil		0.251	2.108
97	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Border Gateway Protocol Performance and its Protection against Disturbed Denial of Service attack	Indian Journal of Science and Technology	2015	8	1	235	241	International	discontinued	Nil	0	0.251	2.108
98	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Optimal Resource Allocation and Power Management for Mobile-To-Mobile Communication in Cellular Network	Indian Journal of Science and Technology	2015	8	2	127	132	International	discontinued	Nil	0	0.251	2.108

No.	Authors	Title	Journal	Year	Volume	Issue	Page Start	Page End	Level	Referred	Citations			
99	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Estimation of IEEE 802.11n Wireless LAN Channel Model in MIMO Communication system	International Journal of Applied Engineering Research	2015	10	20			International	Yes			0.149	0.181
100	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	MIMO free-space optical communication employing coherent BPOLSK modulation in atmospheric optical turbulence channel with pointing errors	Optics Communications	2015	343	NA	188	194	International	Yes	Nil	1.588	0.633	0.924
101	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Spectrum analysis of radio over free space optical communications systems through different channel models	Optik	2015	126	NA	1142	1145	International	Yes	Nil	0.835	0.307	0.703
102	Shankar, T., Shanmugavel, S.	Energy optimization in cluster based wireless sensor networks	Journal of Engineering Science and Technology	2015	9(2)	Nil	246	260	International	Yes	6	Nil	0.193	0.665
103	Karthikeyan, A., Sanyukta, Gupta, S., Shankar, T.	A multi-objective approach for energy efficient clustering using comprehensive learning particle swarm optimization in mobile ad-hoc network	Journal of Theoretical and Applied Information Technology	2015	65(3),	Nil	723	730	International	Yes	Nil	Nil	0.167	0.387
104	Thottempudi Pardhu and V. Kumar,	Reduction of clutter using TWI ultra-wideband Imaging	Int. J. Ultra Wideband Communications and Systems,	2015	3	2	101	106	International	Yes	Nil	NA	0.102	0.265
105	Rajesh, G.S., Kumar, V.	Designing a C-band metamaterial based miniaturised patch antenna for multiband applications	International Journal of Applied Engineering Research	2015	10	30	22716	22718	International	Yes	3	NA	0.149	0.181
106	Revathi, S., Srinivasa Rao, I., Pal, J.	Pressure and temperature sensor based on a dual	Optik	2015	126 (22)		3395	3399	International	Yes	3	0.74	0.307	0.7
107	Revathi, S., Srinivasa Rao, I., Sandeep, R.	Soft glass spiral photonic crystal fiber for large nonlinearity and high birefringence	Optica Applicata	2015	45 (1)		15	24	International	Yes	1	0.63	0.214	0.528
108	A. Sangeetha*, B. Ram Kumar and Srinivasa Rao, I.,	OFDM –	Indian Journal of Science and Technology	2015	8		6	10	International	Yes	1	0	0.251	2.108
109	Ramya, S., Srinivasa Rao, I.	Dual band microwave metamaterial absorber using loop resonator for electromagnetic interference suppression	International Journal of Applied Engineering Research	2015	10 (30)		22712	22715	International	Yes	3	0	0.149	0.181
110	Geethanjali, V.S., Mohan, T., Srinivasa Rao, I.	Beamforming networks to feed array antennas	Indian Journal of Science and Technology	2015	8		78	81	International	Yes	Nil	0	0.251	2.108
111	Venkatesh Murthy, B.T., Srinivasa Rao, I.	Design of narrow band UHF low noise amplifier for wind profilers	Microwave and Optical Technology Letters	2015	67(3)		600	603	International	Yes	1	0.72	0.299	0.568
112	S.Revathi, Srinivasa Rao Inabathini, Jatin pal	Soft Glass Spiral Photonic Crystal Fibers for Large Nonlinearity and High Birefringence	Optica Applicata	2015	45	1	15	24	International	Yes	1	0	0.214	0.528
113	Bavirisetti, D.P., Dhuli, R.	Multi-focus image fusion using maximum symmetric surround saliency detection	Electronic Letters on Computer Vision and Image Analysis	2015	14				International	Yes	2	0	0.118	0.222

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114	P.Srinivas, K.Vijaya Lakshmi and V. Naveen Kumar	LabView Based Glucose Insulin Regulation Using System Identification Approach	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	2015	4		215	221	International	No	Nil	NA	NA	NA
115	Thanikaiselvan, V., Arulmozhivarman, P.	RAND - STEG: An integer wavelet transform domain digital image random steganography using knight's tour	Security and Communication Networks	2015	8(13)		2374	2382	International	Yes	5	1.07	0.319	0.842
116	Arthi. M, Arulmozhivarman. P. and Vinoth Babu. K	Quality of Service Aware Multi-Hop Relay Networks for Green Radio Communication	Journal of Green Engineering	2015	5	2	1	22	International	Yes	4	0	0.132	0.27
117	Arthi. M, Jimy Jose Joy, Emy Mariam George, Arulmozhivarman. P. and Vinoth Babu. K	Technical Challenges in Mobile Multi-Hop Relay Networks	International Journal of Applied Engineering Research (IJAER)	2015	10	10	26025	26036	International	Yes	5	0	0.149	0.181
118	Sam John, Joju George Sajan, Vinoth Babu. K and Ramachandra Reddy. G	Performance Analysis of Reduced MISO Systems with Delayed Channel State information at the Transmitter	2015 International Conference on Communication and Signal Processing	2015	2	1	1	9	International	No				
119	Sam John, Joju George Sajan, Vinoth Babu. K and Ramachandra Reddy. G	Adaptive Modulation for Space Frequency Block Coded Orthogonal Frequency Division Multiplexing Systems	2015 International Conference on Communication and Signal Processing	2015	2	1	1	11	International	No				
120	Renuga Devi S., Venkatesh C., Arulmozhivarman P	Daily Rainfall Forecasting Models using ANN and ELM for Development of Rainfall Threshold based Landslide Early warning System	Disaster Advances	2015	Vol.8 (7)		1	11	International	Yes			0.152	0.225
121	Rajini, G.K., Ramachandra Reddy, G.	"Application of fractional wavelet transform for image authentication",	ARPN Journal of Engineering and Applied Sciences,	2015	10	1	52	58	International	Yes			0.204	0.391
122	Rajini, G.K., Ramachandra Reddy, G.	"A fractional random wavelet transform based image steganography",	Research Journal of Applied Sciences, Engineering and Technology, .	2015	9	11	943	951	International				0.144	0.404
123	Eappen, N.I., Jayaprakas, A., Ramachandra Reddy, G.	"Covariance-fitting based sparse spectrum estimation of non-uniformly sampled data in presence of noise"	International Journal of Applied Engineering Research, .	2015	10	11	29963	29975	International	Yes			0.149	0.181
124	Arunprakash Jayaprakash , G. Ramachandra Reddy	Discrete Ambiguity Function Based Analysis of Filter Bank Multicarrier System	IETE Technical Review	2015	32	5	330	346	International	Yes	3	1.33	0.467	1.368
125	Rahul Singh, Akula Dinesh, Vinoth Babu. K and Ramachandra Reddy. G	Performance analysis of MISO-OFDM system with imperfect channel state information,	International Journal of Applied Engineering Research (IJAER),	2015	10	92	56	61	International				0.149	0.181
126	M. Jasmine Pemeena Priyadarsini, K. Murugesan Srinivasa Rao Inbathini Harish Goutham.V, Arjun Sivakumar , Karthik Ashok	Comparative Analysis of Illumination Compensation Techniques in Face Recognition	Research Journal of Information Technology	2015	Vol.7	Issue 1	22	41	International	Yes			0.202	0.348

127	Anish Bhattacharya, ArunAgrawal, Ajay Kumar.R, M. Jasmine Pemeena Priyadarsini, K.Murugesan, Srinivasa Rao Inbathini	Contrast and SURF based Dehazing for Robust Image Matching	International Journal of Research in Advanced Engineering and Technology	2015	Volume 1;	Issue 2	40	43	International	No				
128	Adesh Agarwal, Ajay Kumar RM, Jasmine Pemeena Priyadarisini	Reliable fingerprint minutiae points recognition using distance method algorithm	International Journal of Research in Advanced Engineering and Technology	2015	Volume 1;	Issue 2	44	48	International	No				
129	Anju Anna Jacob, L.Balakrishnan, S.R. Meher, R. Sivacoumar, K.Shambavi, Z.C.Alex,	Ammonia Sensing Characteristics of p-CuO and n-ZnO Thin Films: A Comparative Study	International Journal of Applied Engineering Research	2015	10	91	11	14	International	Yes			0.149	0.181
130	Nitish Raghunathan, Valarmathi J and S. Gautham	Analysis of Resonance in Blade Vibration	International Journal of Applied Engineering Research	2015	10	17	38387	38390	International	Yes			0.149	0.181
131	Indu Konuganti, Manisha Chowdary and J. Valarmathi,	Sea Clutter Modeling And Target Detection	International Journal of recent advances in mechanical Engineering	2015			20	24	International	No				
132	Anand, A, Aarthi, G, Vardhan, H	Improving the efficiency of FSO communication system with multi-laser beams	International Journal of Applied Engineering Research	2015	10	12	32653	32662	International	Yes			0.149	0.181
133	Antony, J.S., Stephen, J., Aarthi, G.	Performance analysis of optical transmission system using FBG and bessel filters	ARPN Journal of Engineering and Applied Sciences	2015	10	14	5954	5960	International	Yes			0.204	0.391
134	Chawla, A., Mishra, S., Aarthi, G,	Simulation research of free-space optical communication based on linear polarization shift keying modulation	ARPN Journal of Engineering and Applied Sciences	2015	10	14	6116	6120	International	Yes			0.204	0.391
135	Shyam Kumar, K., Sardar, S.,Sangeetha, "A.	An approach for enhancement of bit error rate analysis in SAC-OCDMA	Indian Journal of Science and Technology	2015	8		85	90	International	Yes	6		0.251	2.108
136	Mohan, L. , Sangeetha, A	An analysis of optical code division multiple access passive optical network systems	International Journal of Applied Engineering Research	2015	10		22221	22232	International	Yes			0.149	0.181
137	Vetrivel, S. , Sangeetha	Analysis of different line coding schemes in optical transport network	International Journal of Applied Engineering Research	2015	10		22589	22596	International	Yes			0.149	0.181
138	Vignesh, V. , Sangeetha	Generation of 3rd order intermodulation products in rof system and its use in inter-satellite communication	International Journal of Applied Engineering Research	2015	10		22597	22602	International	Yes			0.149	0.181
139	Lavin Khandelwal, Manali Shah and K. V. N. Kavitha	GPS tracking of transport system for VIT university	International Journal of Applied Engineering Research	2015	10	12	30565	30571	International	Yes			0.149	0.181
140	Dinesh, M., & Sanker Ganesh, S.	Design and development of biometric recognition and matching system.	International Journal of Applied Engineering Research	2015	10	55	2043	2047	International	Yes			0.149	0.181
141	Makkar, H. S., Singh, J., & Sankar Ganesh, S.	Severity detection of tuberculosis using neural network	International Journal of Applied Engineering Research	2015	10	55	1992	1995	International	Yes			0.149	0.181
142	Mohanaprasad, K., & Sankar Ganesh, S.	Speech separation using wavelet based independent component analysis.	International Journal of Applied Engineering Research	2015	10	55	1004	1008	International	Yes			0.149	0.181
143	Mohanaprasad, K., Pawani, J. K., Killa, V., & Sankarganesh, S.	Real time implementation of speaker verification system.	Indian Journal of Science and Technology,	2015	8	24	1	1	International	Yes	1		0.251	2.108
144	Damini Agrawal & S.Vidhya	VeinLoc: Surface Blood Vessel Detector	Journal of Medical Devices	2015	Volume 9	2	20901	020901-2	International	Yes	Nil	0.394	0.229	0.285

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145	V. Sribalaji & S.Vidhya	A Novel And Maximum-Likelihood Segmentation Algorithm For Touching And Overlapping Human Chromosome Images	ARPN Journal of Engineering and Applied Sciences	2015	Volume 10	7	2777	2781	International	Yes	1	-	0.204	0.391
146	Tony George, Susan Zacharia, Elizabeth Rufus, Zachariah C Alex	Design and development of labview based steering wheel angle sensor system	International journal of Engineering and Technology	2015			577	582	International	yes		0.42	0.179	0.489
147	Tony George, Elizabeth Rufus, Zachariah C Alex	Simulation of Microwave Induced Thermo-Acoustical imaging technique for cancer detection	ARPN Jounal of Engineering and Applied Sciences	2015	10(20)		9424	9428	International	Yes	Nil	Nil	0.204	0.391
148	L. Balakrishnan, S.R.Meher and Z. C. Alex	Effect of irradiating ion fluence on optical properties of ZnO1-x:Nx thin films	Radiation effects and defects in solids	2015			1	7	International			0.45	0.209	0.496
149	Chelli. N. Devi, anupama chandrasekaran, v.K. Sundararaman and Zachariah C. Alex	Neonatal brian MRI segmentation: A review	Computers in biology and medicine	2015	64		163	178	International			2.13	0.547	1.031
150	Gerardine Immaculate Mary, Z. C. Alex	Implementation and response time analysis of messages in wireless controller area network	Indian Journal of Science and Technology	2015	8(S8)		536	541	National				0.251	2.108
151	L. Balakrishnan, s. Gokul raj, S.R.Meher, K. Asokan and Z. C. Alex	Impact of 100 MeV Ag 7+ SHI irradiation fluence and N incorporation on structural, opticla electrical and gas sensing properties of ZnO thin film	Applied physics A Materials science and processing	2015	119		1541	1553	International				0.509	0.756
152	R. Sivacoumar., Alex, Z.C.	Five-fold symmetric photonic quasi-crystal fiber with high negative dispersion	Research Journal of Applied Sciences, Engineering and Technology	2015	9(9)		786	791	International	Yes	2		0.144	0.404
153	R. Sivacoumar., Alex, Z.C., Rufus, E	Tapered optical fiber humidity sensor coated with nano-crystalline ZnO doped with KCl	Research Journal of Applied Sciences, Engineering and Technology,	2015	9(9)		715	721	International	Yes	Nil		0.144	0.404
154	Jacob, A.A., Balakrishnan, L., Meher, S.R., Sivacoumar, R., Shambavi, K., Alex, Z.C.	Ammonia sensing characteristics of p-CuO and n-ZnO thin films: A comparative study	International Journal of Applied Engineering Research	2015	10 (91)				International	Yes	Nil		0.149	0.181
155	Reuben, J., Zackriya V., M., Kittur, H.M., Shoaib, M.	A buffer placement algorithm to overcome short-circuit power dissipation in mesh based clock distribution network	Engineering Science and Technology, an International Journal	2015	18		135	140	International	Yes	1			0.138
156	Zackriya V, M., Kittur, H.M.	Low Energy Metric Content Addressable Memory (CAM) with Multi Voltage Matchline Segments	Journal of Circuits, Systems and Computers	2015					International	Yes			0.184	0.337
157	Onathukattil, A., Kittur, H.M.	Low power and high performance hybrid-Content Addressable Memory (CAM) in SOI-technology	ARPN Journal of Engineering and Applied Sciences	2015	10		7660	7665	International	Yes			0.204	0.391
158	Ravi, S., Nair, G.S., Narayan, R., Kittur, H.M.	Low power and efficient Dadda multiplier	Research Journal of Applied Sciences, Engineering and Technology	2015	9		53	57	International	Yes	2		0.144	0.404

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159	Mohammed Zackriya, V., Verma, A., Kittur, H.M.	Design of multi-segment hybrid type content addressable memory in high performance FinFET technology	Indian Journal of Science and Technology	2015	8	IPL0314			International	Yes	1		0.251(2016)	2.108(2016)
160	Naidu, K.J., Kittur, H.M., Avinash, P.	Design of low drop-out voltage regulator	Journal of Scientific and Industrial Research	2015	74		641	644	International	Yes			0.224	0.454
161	K-Y.Yoon, H-J.Ahn, M-J.Kwak, P.Thiyagarajan and J-H.Jang	Graphene Quantum dot supported cadmium selenide quantum dot sensitized photoanode for efficient photoelectrochemical cells with enhanced stability and performance	Advanced Optical Materials	2015	3	7	907	912	International	Yes	3	5.2	2.723	1.695
162	P.Thiyagarajan, Z.yan, M-W.Oh, J-S.Lee, and J-H.Jang	Thermal conductivity reduction in three dimensional graphene-based nanofoam	RSC Advances	2015	5		99394	99397	International	Yes	1	3.8	0.875	0.743
163	H-J.Ahn, M-J.Kwak, K-Y.Yoon, P.Thiyagarajan and J-H.Jang	MoSx supported hematite with enhanced photoelectrochemical performance	Journal of Material chemistry A	2015	3		21444	21450	International	Yes	8	8.2	3.037	1.4668
164	J-C.Yoon, P.Thiyagarajan and J-H.Jang	A case study: effect of defects in CVD-grown graphene on graphene enhanced Raman spectroscopy	RSC Advances	2015			62772	62777	International	Yes	7	3.8	0.875	0.743
165	Ajit Shridhar Gangad and C.Prayline Rajabai	Design and Verification of a 16-bit RISC Processor using Universal Verification Methodology (UVM)	INTERNATIONAL JOURNAL OF ENGINEERING DEVELOPMENT AND RESEARCH	2015	3	2	382	393	International	No	Nil	_	_	_
166	B Sai Abhinav, Suresh Ambati, Kumaravel S	A low noise chopper stabilized CMOS fully differential OP-AMP with CMFB amplifier for biopotential signals monitoring	International Journal Of Applied Engineering and Research	2015	10		34458	34463	International	Yes	Nil		0.149	0.181
167	Arunachalam, V., Raj, A.N.J.	Design of 8 × 8 2D-DCT processor for high accuracy high performance applications	Far East Journal of Electronics and Communications	2015	15	2	151	170	International	Yes	Nil	0	0.359	0.49
168	Chitra,P.Ramakrishnan, V.N.	Effect of underlap and its soft error performance in 30 nm Junctionless based 6T- SRAM cell	Telkomnika (Telecommunication Computing Electronics and Control)	2015	13		451	459	International	Yes	Nil	0.8	0.25	0.822
169	Jagannadha Naidu, K., Agarwal, A., Shravya, K.V.	Implementation of low power MAC using adaptive power control technique	International Journal of Applied Engineering Research	2015	9		5335	5344	International	Yes	Nil	0	0.149	0.181
170	Ravi, S., Nair, G.S., Narayan, R., Kittur, H.M.	Low power and efficient Dadda multiplier	Research Journal of Applied Sciences, Engineering and Technology	2015	Volume 9, Issue 1		53	57	International	YES	2		0.144	0.404
171	Hariprasad, R., Ganesh, R., Ravi, S., Marimuthu, R., Balamurugan, S.	Comparative analysis of 4-bit and 8-bit reversible barrel shifter designs using revkit	ARPN Journal of Engineering and Applied Sciences	2015	10(11)		4826	4831	International	YES	Nil		0.204	0.391
172	Aravind Babu S., Babu Ramki S., Sivanantham S.	Design of parallel architecture co-processor for particle swarm optimization algorithm	Indian Journal of Science and Technology	2015	8	90316			National	Yes	1		0.25	2.11

173	Patel C., Srikanth M., Kumar K.C., Sivanantham S.	Monte-Carlo Black-Scholes implementation using OpenCL standard	Indian Journal of Science and Technology	2015	8	90318			National	Yes	1		0.25	2.11
174	Kansagara K., Shravya K.V., Sivanantham S.	Dynamic reconfigurable architectures—A boon for desires of real time systems	Advances in Intelligent Systems and Computing	2015	340		235	244	International	Yes	Nil		0.12	0.312
175	B. Sai Abhinav, M. Jaipal Reddy, Y. Siva Kumar, S. Sivanantham	ASIC Design of Reversible Adder and Multiplier	International Journal of Computer Applications	2015	109(10)		6	10	International	No	Nil			
176	K.Anusudha, N.Venkateswaran & J.Valarmathi	'Swarm Optimization Based Dual Transform Algorithm for Secure Transaction of Medical Images	Advances in Intelligent Systems and Computing,	2015	328		483	491	International	Yes	1			0.312