

Journal Publication Details - 2017

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	Ramaswamy, I.S., Naidu, K.J.	Design and verification of master block in ethernet management interface using UVM	Far East Journal of Electronics and Communications	Nov, 2017	16		37	48	International	Yes	Nil	0	0.4	0.49
2	Tiwari, D.L., Sivasankaran, K.	Improved Performance of h-BN Encapsulated Double Gate Graphene Nanomesh Field Effect Transistor for Short Channel Length	International Journal of Nanoscience	Jun-17	17	1760016	1	4	International	Yes	Nil	0.309	0.2	0.252
3	Jegadheesan, V., Sivasankaran, K.	RF stability performance of SOI junctionless FinFET and impact of process variation	Microelectronics Journal	Jan-17	59		15	21	International	Yes	Nil	1.163	0.3	0.901
4	Ramaswamy, I.S., Naidu, K.J.	Design and verification of master block in ethernet management interface using UVM	Far East Journal of Electronics and Communications	Nov , 2017	16		37	48	International	Yes	Nil	0	0.4	0.49
5	Kalidas, S., Bharadwaj, S., Vidhyapathi, C. M., Karthikeyan, B	Wireless node based automatic irrigation control system	ARNP Journal of Engineering and Applied Sciences	Oct-17	Volume 12	Issue 19	5357	5383	International	Yes	Nil	NA	0.2	0.391
6	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Dynamic power control clustering wireless sensor networks based on multi-packet reception	Indian Journal of Science and Technology	October, 2017	9	102120			International				0.3	2.108
7	P Govindaraj, MS Sudhakar	Shape characterization using laws of texture energy measures facilitating retrieval	The Imaging Science Journal	Oct-17			1	8	International	Yes		0.489	0.2	0.399
8	MM George, S Kalaivani, MS Sudhakar	A non-iterative multi-scale approach for intensity inhomogeneity correction in MRI	Magnetic Resonance Imaging	Oct-17	42		43	59	International	Yes		2.225	0.9	1.039
9	Mohan Kachalai Narasimman, Yogesh Kumar Choukiker, Srinivasa Rao Zinka, Kannadassan Dhanaraj,	Effect of uniform and Dolph Chebyshev excitations on the performances of circular array antennas	Turkish Journal of Electrical Engineering & Computer Sciences	Oct. 2017	25	NA	3660	3672	International	Yes	Nil	0.578	0.3	0.735
10	A.Christina Josephine Malathi,D.Thiripur asundari	CSRR Loaded 2x1 Triangular MIMO Antenna for LTE Band Operation	Advanced Electromagnetics	Oct,2017	6	3	78	83	International	Yes			0.1	0.177

11	Sumit Kumar Jindal*, Ankush Mahajan, Sanjeev Kumar Raghuwanshi		Reliable Before-Fabrication Forecasting of Normal & Touch Mode MEMS Capacitive Pressure Sensor: Modeling and Simulation	Oct-17	16		45001-1	45001-9	INTERNATIONAL	YES	Nil	1.35	0.3	0.829
12	D. Maji and S. Das	AFM and Nanoindentation investigation of PDMS elastomeric substrate compliancy for various sputtered thin film morphologies	Journal of Biomedical Materials Research Part A	Accepted - Oct 2017	-	-	-	-	International	Yes	Nil	3.076	0.9	0.977
13	J. Wala, D. Maji and S. Das	Influence of physico-mechanical properties of elastomeric material for different cell growth	Biomedical Materials	Oct-17	12	6	65002		International	No	Nil	2.469	-	-
14	Chandra, D. S. P. S., Padarthy, N., Vidhyapathi, C. M., & Karthikeyan, B	Disposal strategy using an integrated sensing system.	ARNP Journal of Engineering and Applied Sciences	Sep-17	Volume 12, Issue 17		5135	5139	International	Yes	Nil	NA	0.2	0.391
15	Babu, K. V., Reddy, K. A., Vidhyapathi, C. M., & Karthikeyan	Weather forecasting using raspberry pi with internet of things (IOT).	ARNP Journal of Engineering and Applied Sciences	Sep-17	Volume 12, Issue 17		5129	5134	International	Yes	Nil	NA	0.2	0.391
16	Vashisth, S.K.,Shrivastava, A.,Shanmugasundaram, M.,Sundar, S.	A blind zone alert system based on intra-vehicular wireless sensor networks	ARNP Journal of Engineering and Applied Sciences	Sep'17	Vol 12	NA	5175	5179	International	Yes	Nil	NA	0.2	0.391
17	Singh, A., Rath, D., Bansal, K., & Vidhyapathi, C. M.	Home automation using IoT linked with facebook facial recognition	ARNP Journal of Engineering and Applied Sciences	Sep-17	12		5154	5159	International	Yes	Nil	NA	0.2	0.391
18	V Noor Mohammed, M Lakshmanan, S.K Jayanth prabhu, S Nandakumar, T Velmurugan and M Palanivelan	Analysis of ICI Cancellation in MC CDMA system using self cancellation and extended Kalman filter method.	Telecommunication and RadioEngineering	Sep-17	76	7	595	605	International	Yes	Nil	NA	0.2	0.59
19	Venkata Kishore Kothapudi, V. Kumar	"A Single Layer S/X-Band Series-Fed Shared Aperture Antenna for SAR Applications",	Progress In Electromagnetics Research (PIERC),	Sep. 2017	76	NA	207	209	International	Yes	Nil	na	0.2	0.546
20	S.Revathi, Harshavardhan, Sumanth and Jagadeesh	Characteristic of wavelength division multiplexing passive optical networks	ARNP Journal of Engineering and Applied Sciences	Sep-17	12	17	5193	5200	International	Yes	Nil	0	0.2	0.391
21	Singh, S.K.	Study of Change Detection based on Edge Detection of Satellite Images	International Journal of Applied Engineering Research	Sep. 2017	12	15	4908	4915	International	Yes	Nil	0.13	0.1	0.181

22	J. Christopher Clement	Jettison The Defectives - A Robust Cooperative Spectrum Sensing Scheme In A Cognitive Radio Network	Circuits, Systems and Signal Processing	Online published, September 2017					International	Yes	Nil	1.694	0.6	1.004
23	P. Singh, A. Aggarwal, Yogesh Kumar Choukiker	Transparent water dense dielectric patch antenna	ARPN Journal of Engineering and Applied Sciences	Sep. 2017	12	17	5212	5220	International	Yes	Nil	NA	0.2	0.391
24	Yadav, J., Rani, A., Singh, V., Murari, B.M.	Investigations on multisensor-based noninvasive blood glucose measurement system	Journal of Medical Devices, Transactions of the ASME	01-Sep-17	11(3)	10.1115/1.4036580	31006	31007	International	Yes	Nil	0.39	0.2	0.285
25	Aditya P Varma, Deepali Thukral, Sumit Kumar Jindal	Investigation of the Influence of Double Sided Diaphragm on Performance of Capacitance and Sensitivity of Touch Mode Capacitive Pressure Sensor: Numerical Modelling and Simulation Forecasting		Sep-17	16		987	994	INTERNATIONAL	YES	Nil	1.526	0.5	0.994
26	Kathirvelan and Vijayaraghavan	An infrared based sensor system for the detection of ethylene for the discrimination of fruit ripening	Infrared Physics and Technology (Elsevier)	Sep-17	85		403	409	International	Yes		1.827	0.6	1.304
27	Govardhan Karunanidhi, Revathy Deivasegamani, Chella Santhosh, Tamilselvi Gopal, Divyalakshmi Saravana achari, Ajita Neogi, Ravi Nivetha, Natarajan Pradeep, Uma Venkatraman, Amit Bhatnagar, Soon Kwan Jeong, Andrews Nirmala Grace	Chemoresistive sensor for hydrogen using thin films of tin dioxide doped with cerium and palladium	Microchimica Acta	Sep-17	Online First, In Press		1	9	International	YES	Nil	4.58	1.1	1.087
28	A.susheelrao shinde,S.Sridevi	Area and power efficient OBC DA based adaptive FIR filter	International Journal of applied engineering research,	Sept,2017	12	15	5060	5066	International	Yes			0.1	0.181
29	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	WIDEBAND PROBE FED PATCH ANTENNA FOR L BAND RADAR APPLICATIONS	Journal of Advanced Research in Dynamical and Control Systems	Aug-17	2		670	681	International	Yes			0.1	0.294
30	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Performance Analysis of Two Level Calendar Disc Scheduling in LTE Advanced System with Carrier Aggregation	Wireless Personal Communications (Springer)	Aug-17	95	3	2855	2871	International	No	Nil	0.951	Nil	Nil
31	Bavirisetti, D.P., Kollu, V., Gang, X., Dhuli, R.	Fusion of MRI and CT images using guided image filter and image statistics	International Journal of Imaging Systems and Technology	Aug-17	27		227	237	International	Yes	Nil	1.139	0.2	0.629

32	Rajesh, K.N.V.P.S., Dhuli, R.	Classification of ECG heartbeats using nonlinear decomposition methods and support vector machine	Computers in Biology and Medicine	Aug-17	87		271	284	International	Yes	Nil	1.836	0.5	1.031
33	Marwin K Mathew, Rahul George J Valooran and Naveen Kumar Vaegae	An effective temperature monitoring scheme using ANN-based fiber Bragg grating sensor	International Journal of Intelligent Engineering and Systems (The Intelligent Networks and Systems Society)	August,2017	10		109	116	International	Yes	Nil	0.25	0.1	0.248
34	LOKANATH	Color Based Vehicle Detection and Tracking using Kalman Filter with a Fractional Feedback Loop	Advances in computational science and Technology	Aug ,2017	10	8	2565	2585	International	No	Nil	Nil		
35	Parth Shah, Siddaram Mahajan, Sharmila Nageswaran, Sathish Kumar Paul, Mannam Ebenzer	Non-contact ulcer area calculation system for neuropathic foot ulcer	Foot and Ankle Surgery	Aug-17	-	-	-	-	International	Yes	nil	1.23	0.7	1.113
36	Aditi Singh, Kumaravel S	A comparative study of Excess Loop Delay Compensation Techniques in Continuous Time Sigma Delta Modulators	International Journal Of Engineering Research in Electronics and Communication Engineering	Aug-17	4		184	190	International	No	Nil			
37	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Intensity Inhomogeneity Correction and Tissue Segmentation of MR Images: A Parametric Approach	International Journal of Pure and Applied Mathematics	Jul-17	Vol.11 5	Issue.9	409	416	International	Yes	Nil	0.379	0.3	0.388
38	Kumar, V. N. and K. V. L. Narayana	Development of an intelligent pressure sensor with temperature compensation	Journal of Engineering Science and Technology (JESTEC)	July,2017	12		1723	1739	International	Yes	Nil	0.24	0.2	0.665
39	A.Jayaprakash, G.Ramachandra Reddy,	“Robust Blind Carrier Frequency offset Estimation algorithm for OFDM Systems”,	Wireless Personal Communications: An International Journal,	July 2017.	Vol.94,	3	777	791	International	Yes	1	0.951	0.3	0.726
40	Aditya Sinha, Arnab Prateek, Rajesh R.	Performance Analysis of Spatial Modulation-Multiple Input Multiple Output with Transmit Antenna Selection performance analysis of spatial modulation-MIMO with transmit antenna selection over nakagami-m fading channels	International Journal of Engineering and Technology	Jul-17	9	3	1851	1857	International	No	Nil	0	NA	NA

41	Agastinose Ronickom Jac Fredo, Thomas Raj Josena, Rajkumar Palaniappan and Asaithambi Mythili	Classification Of Normal And Knee Joint Disorder Vibroarthrographic Signals Using Multifractals And Support Vector Machines'	Biomedical Engineering: Applications, Basis and Communications	17th July 2017	29	3	1750016 (1)	1750016 (9)	International	Yes	Nil	0.32	0.2	0.207
42	Sasikumar K, Archana Mysore Shashidhar, Krithika R	A Review on Computer and Virtual based interventions for Autistic Children	Research journal of pharmacy and technology	Jul-17	10	8	2777	2783	National	Yes	Nil	0	0.1	0.101
43	Venugopal Pakala and Sumathi Vijayan	A New DC-AC Multilevel Converter with Reduced Device Count	International journal of intelligence engineering and systems	June and 2017	10	3	391	400	International	Yes	Nil	NIL	0.1	0.248
44	Suresh, Y., Venkataramanai ah, J.Panda, A.K.Dhanamjayulu , C., Venugopal, P.	Investigation on cascade multilevel inverter with symmetric, asymmetric, hybrid and multi-cell configurations	Ain Shams Engineering Journal	June 2017,	8	2	263	276	International	Yes	Nil	NIL	0.6	1.685
45	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Receiver design using ANN for signal detection in MC-CDMA system	International journal of intelligent engineering and systems	Jun-17	10	10	66	74	International	Yes	1	0.1	0.1	0.248
46	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Receiver Design Using Artificial Neural Network for Signal Detection in Multi Carrier – Code Division Multiple Access System	International Journal of Intelligent Engineering & Systems	Jun-17	10	3	66	74	International	No	1		nil	nil
47	Kartik Vishal Deshpande and Rajesh A	Investigation on IMCP based Clustering in LTE-M Communication for Smart Metering Application	International Journal Engineering Science and Technology (Elsevier)	Jun-17	20	3	944	955	International	Yes	Nil	0	Nil	0.138
48	Rao, P. P., & Muthu, R. K	A New Parametric Kernel Estimation Technique for License Plate Image De-blurring	3D Research	June, 2017	8(3), 22		1	10	International	Yes		-	0.2	0.422
49	Yogesh Kumar Choukiker, J.C. Mudiganti	Compact Hybrid Fractal Antenna for Wireless Applications	International Journal of Microwave and Wireless Technologies	Jun-17	9	5	1191	1196	International	Yes	Nil	0.976	0.2	0.481
50	A.Christina Josephine Malathi, D.Thiripurasundari	Compact 2 x 1 MIMO Antenna System for LTE Band	Progress in electromagnetics research- C	June, 2017	75		63	73	International	NO			NA	NA
51	T Georg, Elizebeth Rufus, Z C Alex	Artificial Neural network based ultrasonic sensor system for adulteration detection in edible oil	Journal of Engineering Science and Technology	Jun-17	12	6	1568	1579	International	Yes	Nil	0	0.2	0.665

52	Narasimman S., Balakrishnan L., Meher S.R., Sivacoumar R., Alex Z.C.	Influence of surface functionalization on the gas sensing characteristics of ZnO nanorhombuses	Journal of Alloys and Compounds	Jun-17	706		186	197	International	YES	Nil	3.13	1	1.321
53	P. Sathya, R. Natarajan	Numerical simulation and performance measure of highly efficient GaP/InP/Si multi-junction solar cell	International Journal of Energy Research	Jun-17	41	8	1211	1222	International	Yes	Nil	2.589	0.7	0.857
54	Tiwari, D.L., Sivasankaran, K.	Improved Performance of h-BN Encapsulated Double Gate Graphene Nanomesh Field Effect Transistor for Short Channel Length	International Journal of Nanoscience	Jun-17	17	1760016	1	4	International	Yes	Nil	0.309	0.2	0.252
55	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Wireless Automated Irrigation system based on a master slave control structure	International Journal of Emerging Technology and advanced engineering.	May-17	7	5	45	50	International	No	Nil	nil	0.2	0
56	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	V2X Communication: Tackling Traffic Congestion Problems and Challenges	International Journal of Recent Trends in Engineering & Research (IJRTER)	May-17	Volume 03	Issue 05	1	5	International	No			nil	nil
57	Sri Sai Vivek.C, Ashif Shaik and Jabeena.A.	Smart visible light communication link protection mechanism in industries	Journal of Advanced Research in Dynamical and Control systems,	May 2017.	Special Issue.2,		651	660	International	Yes			0.1	0.294
58	Astha Chopra, Chirag Gupta, Revathi S	Temperature Sensor based on liquid filled octagonal Photonic Crystal Fibers	Journal of Advanced Research in Dynamical and Control Systems	May-17			661	669	International	Yes	Nil	0	0.1	0.294
59	S.Revathi	Characteristics of dual core circular photonic crystal fibers	Journal of Advanced Research in Dynamical and Control Systems	May-17			606	611	International	Yes	Nil	0	0.1	0.294
60	A.Christina Josephine Malathi,deepika,sw etha	ISOLATION ENHANCED, A SEMI-RING SLOT WITH A SLIT MIMO ANTENNA FOR LTE APPLICATIONS	Journal of Advanced Research in Dynamical and Control Systems	May,2017		2	494	500	International	Yes			0.1	0.294
61	Rajeshkumar V, Allin Joe D, Pavithra P	A Compact Multiband Antenna for WLAN and WiMAX Applications using Minkowski Fractal and Defected Microstrip Structure	INTERNATIONAL JOURNAL OF MICROWAVE AND OPTICAL TECHNOLOGY	May-17	12		198	203	International	YES	Nil	N	0.1	0.293

62	S.SUBHA BHARATHI HIMANK KUMAVAT SHIVAM VERMA	Audio Transmission Through Visible Light Communication	International Journal of Science, Engineering and Technology Research	May 2017,	Volume 06, Issue 05	2278 - 7798	798	801	International	NO	Nil	3.59	NIL	NIL
63	Biswadeep Ghatak, Aman Gaur, Shashank Chourey, Saikat Sinha Ray, D. Sangeetha, Deepa Madathil, A. N. Brijesh Nair and A. Sivakumar	Approaches to reduce the menace of heavy metal accumulation in soil and water: A review	International Journal of Pharma and Bio Sciences	May-17	36		245	250	International	Yes			0.2	0.337
64	Narasimman S., Balakrishnan L., Meher S.R., Sivacoumar R., Rufus E., Alex Z.C.	Fabrication of ZnO thin film based VOC sensor	Springer Proceedings in Physics	May-17	189		429	436	International		Nil			
65	Velumani M., Meher S.R., Balakrishnan L., Sivacoumar R., Rufus E., Alex Z.C.	Zn alloyed SnO2 nanomaterials based humidity sensors	Sensor Letters	May-17	15(5)		424	431	International	YES	Nil	0.32	0.2	0.234
66	Narasimman S., Dinesh U., Balakrishnan L., Meher S.R., Sivacoumar R., Alex Z.C.	A comparative study on structural, optical and humidity sensing characteristics of ZnO, SnO2 and ZnO:SnO2 nanocomposite	Sensor Letters	May-17	15(5)		440	447	International	YES	Nil	0.32	0.2	0.234
67	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Design and Analysis of Single Mode Photonic Crystal Fiber for Generation of Slow light with tunable features	International Journal of Advanced Research in Basic Engineering Sciences and Technology (IJARBEST)	Apr-17	3	32	10	14	International	No	Nil	Nil	0.2	0.101
68	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Design of 2 μm Wavelength Operation in Large Mode Photonic crystal fiber	International Journal of Advanced Research in Basic Engineering Sciences and Technology (IJARBEST)	Apr-17	3	32	69	72	International	No	Nil	Nil	0.2	0.101
69	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Isolated Words Recognition in Speech Signal Processing	International Journal of Multee-Disciplinary Research	March/April 2017	Vol-03	Issue-02	264	270	International	No			nil	nil

70	Shreshtha Raizada, Srishti, Budhaditya Bhattacharyya	Implementation and Analysis of pCell Data Center In Ethernet Technology	International Journal of Engineering Research in Computer Science and Engineering	April 2017	4	4	85	89	International	No	Nil		NA	
71	A.Christina Josephine Malathi,Sumanth. A.Deepak Reddy. D,Satvik M	Design of Triangular shaped LTE, Bluetooth integrated UWB MIMO antenna with Notched C Band	International Journal of Pharmacy and Technology(IJPT)	April,2017	9	1	28919	28925	International	Yes			0.1	0.237
72	Ashish Patwari, GR Reddy, Harshit Gupta, Vidha Nigam	Suitability of Conventional 1D Noise Subspace Algorithms for DOA Estimation using Large Arrays at Millimeter Wave Band	International Journal of Applied Engineering Research	Apr-17	12		1591	1597	International	Yes	Nil	0	0.1	0.181
73	Jeeva J.B., Megha Singh	Simulation of laser backscattering system for imaging of inhomogeneity/tumor in biological tissues	Computer methods and programs in biomedicine	April, 2017	141		11	17	International	yes	Nil	2.199	0.6	1.492
74	Nandakumar, S., Velmurugan, T.	Performance analysis of Cellular/WLAN mixed cell using priority based Call management scheme in next generation networks	ARNP Journal of Engineering and Applied Sciences	March , 2017	Volume 12		1895	1902	International	Yes	Nil	NA	0.2	0.391
75	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Modified Hidden Markov Model for Speaker Identification System	International Journal of Advances in Computer and Electronics Engineering	Mar-17	Vol-02	Issue-03	1	7	International	No			nil	nil
76	Suryanarayana, G., Dhuli, R.	Edge preserving super-resolution algorithm using multi-stage cascaded joint bilateral filter	International Journal of Modeling, Simulation, and Scientific Computing	Mar-17	8	1750003			International	Yes	Nil	0	0.2	0.462
77	Nilamani S, Ramakrishnan V N	Gate and drain SEU sensitivity of sub-20-nm FinFET- and Junctionless FinFET-based 6T-SRAM circuits by 3D TCAD simulation	Journal of Computational Electronics	Mar-17	16		74	82	International	Yes	Nil	1.526	0.5	0.994
78	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Study and analysis of window synchrization in coherent optical OFDM	International Journal of Emerging Technology and Advanced Engineering	Feb-17	7	2	108	112	International	No	Nil	nil	0.2	0
79	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Performance appraisal of DWT and PCA based cardiac ECG arrhythmias diagnosis with K-NN classifier	International Journal Of Electrical, Electronics And Data Communication	February 2017.	Vol-05,	Issue-02	32	35	International	No			nil	nil
80	T. Shankar, A. Karthikeyan, P. Sivasankar and A. Rajesh	Hybrid Approach for Optimal Cluster Head Selection in WSN Using Leach and Monkey Search Algorithms	Journal of Engineering Science and Technology	Feb-17	12	2	506	517	International	Yes	Nil	0	0.2	0.665

81	Chandru Selva Kumar and Rajesh Anbazhagan	Investigation on Chalcogenide and Silica Based Photonic Crystal Fibers with Circular and Octagonal Core	International Journal of Electronics and Communications (Elsevier)	Feb-17	72	1	40	45	International	Yes	Nil	1.147	0.3	0.874
82	Mary, G.I., Alex, Z.C. and Jenkins, L.	Time analysis of wireless controller area network-based fire and gas safety system	Int. J. of Communication Networks and Distributed Systems,	Jan-17	, Vol. 18	1	1	17	International	Yes	Nil	0	0.2	0.428
83	Rajesh Anbazhagan and Nakkeeran Rangaswamy	Improved Random Access for Contention Bandwidth Request in LTE Networks under Extended Typical Urban 70 Channel	International Journal of Information and Communication Technology (Inderscience)	Jan-17	10	3	308	317	International	Yes	Nil	0	0.1	0.37
84	MS Sudhakar	Fuzzy-linked phase congruency-based feature descriptors for image retrieval	The Imaging Science Journal	Jan-17	65	1	14	29	International	Yes		0.489	0.2	0.399
85	D. Anu preetham , M. Sai Rohit, M. Jasmine Pemeena Priyadarsini	AUTOMATIC MULTISTORED PARKING SLOT INDICATOR	ARPJ journal of Engineering and Applied Science	Jan,2017	Vol.12	No1	168	170	International	Yes			0.2	0.391
86	Yogesh Kumar Choukiker, S K Behera	“Wideband Frequency Reconfigurable Koch Snowflake Fractal Antenna	IET Microwave and Antenna Propagation	Jan-17	11	2	203	208	International	Yes	Nil	1.187	0.6	0.963
87	Nathiya, N., Sasikumar, K., Jagannath, M., Thangaraj, M., Adalarasu, K	An observational study on occupational stress among physiotherapists	Biomedical and Pharmacology Journal	Jan-17	10	2	889	894	National	Yes	Nil	0	0.1	0.215
88	Jegadheesan, V., Sivasankaran, K.	RF stability performance of SOI junctionless FinFET and impact of process variation	Microelectronics Journal	Jan-17	59		15	21	International	Yes	Nil	1.163	0.3	0.901
89	Kumar, R., Maheshwari, R., Aggarwal, A., Shanmugasundaram, M., & Sundar, S.	IOT based health monitoring system using android app	ARPJ Journal of Engineering and Applied Sciences	2017	12	19	5647	5652	International	Yes	Nil	0	0.2	0.391
90	Rakshith, M. N., Ramesh, D., Sundar, S., & Shanmugasundaram, M.	An efficient assistive system for the visually impaired.	ARPJ Journal of Engineering and Applied Sciences	2017	12	19	5574	5577	International	Yes	Nil	0	0.2	0.391
91	Vashisth, S. K., Shrivastava, A., Shanmugasundaram, M., & Sundar, S.	A blind zone alert system based on intra-vehicular wireless sensor networks.	ARPJ Journal of Engineering and Applied Sciences	2017	12	17	5175	5179	International	Yes	Nil	0	0.2	0.391
92	Shanmugasundaram, M., Kumar, R., & Kittur, H. M.	Fault tolerant approaches through scheduling in cloud computing environment - A state of art.	Journal of Telecommunication, Electronic and Computer Engineering	2017	9	2	29	33	International	Yes	Nil	0	0.1	0.482

93	Mohammed, V.N. Lakshmanan, M. Prabu, S.K.J., Nandakumar, S., Velmurugan, T. Palanivelan, M.,	Analysis of ICI cancellation in MCCDMA system using self-cancellation and Extended Kalman Filter method	Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)	2017	Volume 76,	Issue 7	591	605	International	Yes	Nil	NA	0.2	0.59
94	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Genetic algorithm-based feature selection for classification of land cover changes using combined LANDSAT and ENVISAT images	International Journal of Bio-Inspired Computation	2017	10	3	172	187	International	Yes			0.6	1.514
95	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Design of Low Power Amplifier for Neural Recording Applications using Inversion Coefficient Methodology	International Journal of Control Theory and applications	2017	10	6	719	727	International	discontinued			0.2	0.169
96	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	Design of MC-CDMA receiver using radial basis function network to mitigate multiple access interference and nonlinear distortion	Neural Computing and Applications	2017	DOI: 10.1007/s0057/s00521-017-3127-0				International	Yes		2.505	0.6	1.105
97	V Noor Mohammed, M Lakshmanan, M Palanivelan, Ankur Kar, P Tripathy	BER analysis of SS-WDM based FSO system for Vellore weather conditions	Optics Communications	2017	403	NA	73	80	International	Yes	Nil	1.588	0.6	0.924
98	Derick, M., Rani, C., Rajesh, M., Farrag, M. E., Wang, Y., & Busawon, K	An improved optimization technique for estimation of solar photovoltaic parameters.	Solar Energy	2017	157		116	124	International	Yes		4.018	1.5	1.748
99	Babu, T.N., Mageshvaran, R., Shankar, T., Prabha, D.R.	Specific wear rate of epoxy resin based composites reinforced with natural fibers and uni-axial glass fibers for bio medical applications	International Journal of Civil Engineering and Technology	2017	8(3)	Nil	729	740	International	Yes	1	Nil	NIL	NIL
100	Babu, T.N., Prasanth, Raj Kumar, E., (...), Shankar, T., Prabha, D.R.	Structural analysis on wing box spliced joint for an aircraft using finite element method	International Journal of Civil Engineering and Technology	2017	8(3)	Nil	302	313	International	Yes	2	Nil	NIL	NIL
101	Venkata Kishore Kothapudi, V. Kumar	Shared Aperture Antenna Technology for SAR: A Review of the Theory and Applications	Journal of Engineering Science and Technology Review	2017	10	3	41	54	International	Yes	Nil	NA	0.3	0.466
102	V.Kumar, G.Venkataraman, K.A.Hogdø and Y.Larsen	Estimation and validation of glacier surface motion in NW Himalayas using high resolution SAR intensity tracking	International journal of Remote Sensing, Taylor and Francis,	2017	34	15	5518	5529	International	Yes	9	1.724	0.8	1.023
103	Ramya, S., Srinivasa Rao, I.	A compact ultra thin ultra-wideband microwave metamaterial absorber	Microwave and Optical Technology Letters	2017	59(8)		1837	1845	International	Yes	Nil	0.72	0.3	0.568

104	Avinash, K.G., Srinivasa Rao, I.	Highly Selective Dual-Mode Microstrip Bandpass Filters Using Triangular Patch Resonators	Advanced Electromagnetics	2017	6(1)		77	83	International	Yes	Nil	0	0.1	0.177
105	Avinash, K.G., Srinivasa Rao, I.	Compact dual-mode microstrip bandpass filters with transmission zeros using modified star shaped resonator	Progress In Electromagnetics Research C	2017	71		177	187	International	Yes	Nil	0	0.2	0.546
106	Avinash, K.G., Srinivasa Rao, I.	Compact dual-band bandpass filter based on dual-mode modified star shaped resonator	Microwave and Optical Technology Letters	2017	59 (3)		505	511	International	Yes	Nil	0.72	0.3	0.568
107	Pearl Mary, S., Thanikaiselvan, V.	Medical angio-image enhancement using adaptive fractional differential filter	Far East Journal of Electronics and Communications	2017	17 (2)		399	408	International	Yes	Nil	Nil	0.4	0.49
108	Shaik, A., Thanikaiselvan, V., Amitharajan, R.	Data security through data hiding in images: A review	Journal of Artificial Intelligence	2017	10 (1)		1	21	International	Yes	Nil	Nil	0.2	0.374
109	Mariya Vincent, Vinoth Babu K, Arthi. M and P. Arulmozhivarman	Power-aware fuzzy based joint base station and relay station deployment scheme for green radio communication,	Sustainable Computing Informatics and Systems	2017	13	1	1	14	International	Yes	Nil	1.8	0.4	0.911
110	Vinoth Babu. K, Ramachandra Reddy. G and Bala Krishna Nallagatla	Spectral Efficiency Maximization in MISO-OFDM Systems Using Rate Adaptive Bit Loading and Transmit Antenna Selection Techniques	Journal of Engineering Science & Technology (JESTEC)	2017	12	5	1265	1279	International	Yes	Nil	0	0.2	0.665
111	Renuga Devi S.	A comparative Analysis of Rainfall prediction models using artificial Neural Networks'	Disaster Advances	2017	Vol 10 (10)		44	53	International	Yes			0.2	0.225
112	Vinoth Babu. K and Ramachandra Reddy. G	Quality of Service aware Inter Carrier Interference mitigation and antenna selection schemes for beyond 4G systems	Wireless Personal communications	2017	96	1	199	216	International	Yes	Nil	0.951	0.3	0.726
113	M.Jasmine Pemeena Priyadarsini , K V Vinayak Prasad, Snehil Srivastava	SMART VOTING SYSTEM	Journal of Advanced Research in Dynamical and Control Systems	2017	Vol.9	special issue	84	90	International	Yes			0.1	0.294
114	M.JasminePemeena Priyadarsini,Vedula Pradyumna Sarma, Rahul Kant ,Tiwari,Akshat Jain	INTERACTIVE GESTURE BASED TOOL FOR DAILY	Journal of Advanced Research in Dynamical and Control Systems	2017	Vol.9	special issue	74	83	International	Yes			0.1	0.294
115	M.K. Hota and V.K. Srivastava	A multirate DSP structure for the identification of protein coding regions	International Journal of Biomathematics, World Scientific Publishing Company	2017	Vol. 10	No. 8	1	15	International	Yes	Nil	1.05	0.381	0.668
116	Anju Anna Jacob, L. Balakrishnan, K, Shambavi, Z.C.Alex	Multi-band visible photo response study of Co2+ doped ZnO nanoparticles	Royal Society of Chemistry Advances	2017	7	63	39657	39665	International	Yes		3.108	0.9	0.743

117	KuldeepYadav, Abhijit Bhowmick, S. D. Roy, and S. Kundu	Throughput Performance under Primary User Emulation Attack in Cognitive Radio Networks	IJCS, Wiley	2017			1	9	International	Yes		1.066	0.4	0.9
118	Abhijit Bhowmick, KuldeepYadav, S. D. Roy, and S. Kundu	Throughput of an Energy Harvesting Cognitive Radio Network based on Prediction of Primary User	IEEE Transaction on TVT	2017	66	9	8119	8128	International	Yes		4.066	0.9	1.9
119	Abhijit Bhowmick, KuldeepYadav, S. D. Roy, and S. Kundu	Multi slot-throughput tradeoff in an improved energy detector based faded cognitive radio network	Wireless Networks, Springer	2017			1	14	International	Yes		1.584	0.4	0.969
120	G. C. Das, Abhijit Bhowmick, S. D. Roy, and S. Kundu	Joint impact of Sensing Time and SPRF Parameter on the Performance of a Continuous Energy Harvesting Cooperative Cognitive Radio Network	IJCS, Wiley	2017	30	10	1	7	International	Yes		1.066	0.4	0.9
121	G.Aarthi, K.Prabu, G.Ramachandra Reddy	Aperture averaging effects on the average spectral efficiency of FSO links over turbulence channel with pointing errors	Optics Communications	2017	385		136	142	International	Yes		1.588	0.6	0.924
122	Mrabet, H., Sangeetha, A., Mhatli, S., Attia	40 & 100 Gb/s optical communications systems based on blind support vector machine with electrical equalizer	Journal of Optoelectronics and Advanced Materials	2017	19		146	152	International	Yes			0.2	0.307
123	Kothandaraman, M., Pawani, J. K., Pachaiyappan, A., & Sankaran, S. G.	Acoustic echo cancellation using PEVD based adaptive kalman filter	International Journal of Intelligent Engineering and Systems,	2017	10	5	231	238	International	Yes			0.1	0.248
124	Jyoti Yadav, Asharani, Vijnder Singh, Bhaskar Mohan Murari	Levenberg–Marquardt-based non-invasive blood glucose measurement system	IETE Journal of Research	2017	in press				International	no				press
125	Velumani, M., Meher, S.R., Balakrishnan, L., (...), Rufus, E., Alex, Z.C.	Zn alloyed SnO2 nanomaterials based humidity sensors	Sensors Letters	2017	15	5	424	431	International	Yes		0.32	0.2	0.234
126	Anupama Thomas and Elizabeth rufus	Investigations on laterotactile braille reading	International federation for Information Processing	2017			196	204	International			NA		
127	Chelli N. Devi, Anupama Chandrasekaran, Sundararaman V. K, Zachariah C. Alex	Automatic segmentation of infant brain MR images: with special refernce to myelinated white matter	Biocybernetics and biomedical engineering	2017	37		143	158	International			NA		
128	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	2017	695		3753	3759	International			3.05	1	1.321

129	Chelli. N. Devi and Zachariah C. Alex	Non-invasive estimation of oxygen saturation level in blood	Indian journal of science and Technology	2017	10(5)		1	4	National				0.3	2.108
130	Anju anna Jacob, L. Balakrishnan, S.R. Meher, K. Shambavi, Z. C. Alex	Multi band visible photoresponse study of Co2+ doped ZnO nanoparticles	RSC advances	2017	7		39657	39665	International			3.06	0.9	0.743
131	Kathirvelan, Vijayaraghavan and A. Thomas	Ethylene detection using TiO2-WO3 composite sensor for fruit ripening applications	Sensor Review	2017	37		147	154	International	Yes	1	1.45	0.4	0.873
132	Shanmugasundaram, M., Kumar, R., Kittur, H.M.	Fault tolerant approaches through scheduling in cloud computing environment - A state of art	Journal of Telecommunication, Electronic and Computer Engineering	2017	9		29	33	International	Yes			0.1	0.482
133	Naidu, K.J., Kittur, H.M.	Frequency tunable low ripple and fast response on-chip DC-DC converter for DVFS	Analog Integrated Circuits and Signal Processing	2017	90		639	644	International	Yes			0.2	0.579
134	Zackriya, M., Kittur, H.M., Chin, A.	A Novel Read Scheme for Large Size One-Resistor Resistive Random Access Memory Array	Scientific Reports	2017	7	42375			International	Yes			1.6	1.401
135	Zackriya, M.V., Kittur, H.M.	Content Addressable Memory-Early Predict and Terminate Precharge of Match-Line	IEEE Transactions on Very Large Scale Integration (VLSI) Systems	2017	25	7494634	385	387	International	Yes			0.4	1.777
136	M-J. Kwak, J-H.Jang, A. Ramadoss, K-Y.Yoon, J.Park, P. Thiyagarajan	Single-step synthesis of high performance three-dimensional graphitic foams with versatile usages	ACS Sustainable Chem. Eng.	2017	5		6950	6957	International	Yes	Nil	5.95		
137	J-C.Yoon, J-H Jung, P.Thiyagarajan, R.Ruoff* and J-H.Jang*	Highly Enhanced Raman Scattering on Carbonized Polymer Films	ACS Appl. Mater. Interfaces	2017	9	25	21457	21463	International	Yes	Nil	7.5		
138	Johannah J.J., Korah R., Kalavathy M., Sivanandham	Standby and dynamic power minimization using enhanced hybrid power gating structure for deep-submicron CMOS VLSI	Microelectronics Journal	2017	62		137	145	International	Yes	Nil	1.163	0.30	0.901
139	Sivanantham S., Tresa T.	Built-in self-test methodology for system-on-a-chip testing	Journal of Scientific and Industrial Research	2017	76		149	153	International	Yes	Nil	0.557	0.22	0.454