

<b>S.No.</b>	<b>Year</b>	<b>Authors</b>	<b>Title</b>	<b>Journal</b>	<b>ISSN No.</b>	<b>Vol No.</b>	<b>Issue No.</b>	<b>Page Start</b>	<b>Page End</b>
1.	2018	Karthikeyan, B., Kumar, R., Srinivasa Rao, I.	Energy efficient data compression and aggregation technique for wireless sensor networks [TELOSB MOTES]	International Journal of Reasoning-based Intelligent Systems	1755-0556	10	3	219	223
2.	2018	Inbalatha M., Kalaivani S.	Premature cardiac verdict plus classification of arrhythmias and myocardial ischemia with k-NN classifier	Lecture Notes in Computational Vision and Biomechanics	2212-9391	28		306	314
3.	2018	Devi S.R., Rajesh A., Varun C.	Implementation of IoT-based VTMS with energy-based routing scheme for smart cities in Indian scenario	Electronic Government	1740-7494	14	4	389	415
4.	2018	Vijayageetha R., Kalaivani S.	A multiscale fusion approach for change detection in SAR images	International Journal of Engineering and Technology(UAE)	2227-524X	7	4	104	111

5.	2018	Rani B., Punniyakoti S., Sahu N.K.	Polyol asserted hydrothermal synthesis of SnO <sub>2</sub> nanoparticles for the fast adsorption and photocatalytic degradation of methylene blue cationic dye	New Journal of Chemistry	1144-0546	42	2	943	954
6.	2018	Mala Serene, M RajasekharaBabu, Zachariah C Alex	A study and analysis of Microcantilever materials for disease detection	Materials Today: Proceedings	22147853	5	1	1219	1225
7.	2018	Das G.C., Prasad B., Bhowmick A., Roy S.D., Kundu S.	Performance of an Energy harvesting Cooperative Cognitive Radio Network with Hybrid Spectrum Access Scheme	Wireless Personal Communications	0929-6212	99	4	1503	1520
8.	2018	Bagubali A., Verma T., Anand A., Prithiviraj V., Mallick P.S.	Performance Analysis of Handover Schemes in Heterogeneous Networks	Journal of Circuits, Systems and Computers	0218-1266			-	-
9.	2018	Srinivasan S., Ranganathan V., DeRosa M.C., Murari B.M.	Label-free aptasensors based on fluorescent screening assays for the detection of Salmonella typhimurium	Analytical Biochemistry	0003-2697	559		17	23

10.	2018	Jyothi G.N., Sridevi S.	Low power, low area adaptive finite impulse response filter based on memory less distributed arithmetic	Journal of Computational and Theoretical Nanoscience	1546-1955	15	43623	2003	2008
11.	2018	Venkata Kishore Kothapudi., Vijay Kumar	Design and Fabrication of Unequal Amplitude Branch-line Coupler Radar Wind Profiler Applications	International Journal of Engineering and Manufacturing Science	2249-3115	8	1	159	166
12.	2018	George M.M., Kalaivani S.	A multiscale framework for bias field estimation in MRI brain images	International Journal of Engineering and Technology(UAE)	2227-524X	7	4	197	201
13.	2018	Kavitha K.V.N., Vig R., Dubey P., Agarwal R.	Autonomous book sorter system	Journal of Advanced Research in Dynamical and Control Systems	1943-023X	10		871	874
14.	2018	Singh C., Venter M., Muthu R.K., Brown D.	DSP-based voice activity detection and background noise reduction	International Journal of Speech Technology	1381-2416	21	4	851	859
15.	2018	Karuna Y., Reddy G.R.	Broadband subspace decomposition of convoluted speech data using polynomial EVD algorithms	Multimedia Tools and Applications	1380-7501			-	-

16.	2018	Vimala Devi M.R., Kalaivani S.	Band selection using SIFT in hyperspectral images	International Journal of Engineering and Technology(UAE)	2227- 524X	7	4	28	33
17.	2018	Bhattacharyya B., Deb I., Sharma N.	Design and analysis of physical layer security aspects in MIMO- OFDM based WiMAX network	International Journal of Engineering and Technology(UAE)	2227- 524X	7	4	2558	2564
18.	2018	Shaik V., Shambavi K.	Design of dodecagon unit cell shape based three layered frequency selective surfaces for X band reflection	Progress In Electromagnetics Research M	1937- 8726	75		103	111
19.	2018	Mazher Iqbal, J.L., Narayan,G.	Design and Implementation of Efficient Adaptive Filter using High performance Reversible Logic	Journal of Advanced Research in Dynamical and Control Systems	1943023X	2	Special	1494	1499
20.	2018	Suresh Kumar M	Tunable wideband frequency and switching polarisation reconfiguration antenna for wireless applications	IET Microwaves,Antennas & Propagation	1751- 8725	12	15	2364	2371
21.	2018	Sindhu Babulogiah, Valarmathi Jayaraman and Christopher Sargunraj	Target heading estimation using Lagrange difference method through bearing only	International journal of Engineering and Technology	111	7	4	3995	3998

			measurement						
22.	2018	Eappen G., Shankar T.	Energy efficient spectrum sensing for cognitive radio network using artificial bee colony algorithm	International Journal of Engineering and Technology(UAE)	2227-524X	7	4	2319	2324
23.	2018	D. Maji and S. Das	Atomic force microscopy and nanoindentation investigation of polydimethylsiloxane elastomeric substrate compliancy for various sputtered thin film morphologies	Journal of Biomedical Materials Research Part A	1549-3296	106	3	725	737
24.	2018	Ganesh S.S., Arulmozhivarman P., Tatavarti V.S.N.R.	Air quality index forecasting using artificial neural networks – A case study on Delhi	International Journal of Environment and Waste Management	1478-9876	22	43469	4	23
25.	2018	Narasimman S., Mahararana K., Kokila S.K., Balakrishnan L., Alex Z.C.	Al <sub>2</sub> O <sub>3</sub> -MgO nanocomposite based fiber optic temperature sensor	Materials Research Express	2053-1591	5	11	-	-

26.	2018	Nair R.S., Kumar S., Soumya N., Shanmugasundaram M.	A study on gesture controlled robotic arms and their various implementations	International Journal of Mechanical Engineering and Technology	0976- 6340	9	3	425	434
27.	2018	Priyanka S., Sudhakar M.S.	Geometrically modeled derivative feature descriptor aiding supervised shape retrieval	Applied Intelligence	0924- 669X	48	12	4960	4975
28.	2018	Anand A., Verma S., Padmini T.N.	Real-time garbage monitoring system with periodic update of database server and notification using IOT and GSM	Journal of Advanced Research in Dynamical and Control Systems	1943- 023X	10		1036	1039
29.	2018	Prayline Rajabai, C., Harish, J., Sivanantham, S.	Hardware implementation of diamond search algorithm for motion estimation	International Journal of Engineering and Technology(UAE)	2227- 524X	7	4	1075	1078
30.	2018	Dash D., Valarmathi J.	Multistatic radar emitter identification using entropy maximization based independent component analysis	Journal of Engineering Science and Technology	1823- 4690	13	10	3238	3251
31.	2018	Shaik A., Thanikaiselvan V.	High capacity reversible data hiding using 2D parabolic interpolation	Multimedia Tools and Applications	1380- 7501			-	-

32.	2018	Anbalagan K., Shankar T.	Energy efficient Rendezvous node planning with mobile sink using compressive sensing and meta-heuristic techniques for energy optimization in wireless sensor networks	Journal of Advanced Research in Dynamical and Control Systems	1943-023X	10		1067	1076
33.	2018	Deb A., Andrews N.G., Raghavan V.	Natural polymer functionalized graphene oxide for co-delivery of anticancer drugs: In-vitro and in-vivo	International Journal of Biological Macromolecules	0141-8130	113		515	525
34.	2018	Suraj S.S., Kulkarni P., Bokadia P., Ramanathan P., Nageswaran S.	Development of force sensing circuit to determine the optimal force required for effective dynamic tripod grip/writing	AIP Conference Proceedings	0094243X	1952	2	1	6
35.	2018	S V V Satyanarayana, Sridevi Sriadibhatla	A survey on different techniques and approaches for low power content addressable memory Circuits and Architectures	Journal of Engineering and Applied Sciences	1819-6608	13	21	8577	8583

36.	2018	Venugopal P., Satya Naga Chandra Mouli V., Kundu S., Sai Dheeraj I.V.G., Abdul Mushahir S.	Unmanned surveillance vehicle remotely controlled by android application	International Journal of Mechanical Engineering and Technology	0976-6340	9	11	574	585
37.	2018	Kandasamy Subramanian Preetha., Shanmugam Kalaivani., Thangappa Velmurugan.	Analysis of Spectrum Sensing Error and Spectrum Handoff for Non-Uniform Unlicensed Users in Cognitive Radio Network	Recent Patents on Computer Science	1874-4796	11	2	143	154
38.	2018	P. charantej., R. dhanabal., S. S Kerur., Harish Kittu	Booth Modified RNS Multiplier in RNS to Binary Code Converter Using $\{2P+1, 2P, 2p-1\}$	Mr International Journal Of Engineering And Technology	0975-4997	6	2	-	-
39.	2018	Vivek A., Shambavi K., Alex Z.C.	A review: metamaterial sensors for material characterization	Sensor Review	0260-2288			-	-
40.	2018	Ravi S., Mandal., Suprovab., Kittur., Harish M	Design and Verification of High Performance Standard Cells for Clock Network Applications	Advanced Science Letters	1936-6612	24	8	5877	5883
41.	2018	Pandey S., Shilumbu J., Patil A., Madathil D.	Automatic resistance of a rehabilitation bicycle using EMG signals	ARNP Journal of Engineering and Applied Sciences	1819-6608	13	23	9157	9160



42.	2018	Nandakumar S., Velmurugan T., Noor Mohammed V., Sasikumar P., Preetha K.S.	Optimizing the vertical handoff decision making algorithm	ARPN Journal of Engineering and Applied Sciences	1819- 6608	13	3	947	953
43.	2018	Murari B.M., Singh S., Manoharan M.	Transdermal delivery of polidocanol from sol-gel patch: ex vivo skin permeation studies using iontophoresis for the treatment of varicose veins	Journal of Sol-Gel Science and Technology	0928- 0707	87	3	639	646
44.	2018	Kothapudi V.K., Kumar V.	A 6-Port Two- Dimensional 3x 3 Series-Fed Planar Array Antenna for Dual-Polarized X-Band Airborne Synthetic Aperture Radar Applications	IEEE Access	2169- 3536	6		12001	12007
45.	2018	Vinoth Babu Kumaravelu., Gaurav Jaiswal., Vishnu Vardhan Gudla., G. Ramachandra Reddy., Arthi Murugadass	Modified Spatial Modulation: An Alternate to Spatial Multiplexing for 5G- Based Compact Wireless Devices	Arabian Journal for Science and Engineering	1319- 8025	-	-	1	17

46.	2018	M. Mallikarjunan., P. Karmali Radha., K. P. Bharath., Rajesh Kumar Muthu	Text-Independent Speaker Recognition in Clean and Noisy Backgrounds Using Modified VQ-LBG Algorithm	Circuits, Systems, and Signal Processing	0278-081X			1	19
47.	2018	Rohan Sagar., Samanvaya Singh Gaur., Andrews Nirmala Grace., M. S. Gaur	Enhanced energy storage in polyvinylidene fluoride (PVDF) + BaZrO <sub>3</sub> electroactive nanocomposites	Ionics	0947-7047	24	7	1965	1978
48.	2018	Sakthivel R., Kuppuswamy S.	Low power custom circuit building using standard cells with reduced leakage by applying gate length biasing technique for high end computing applications	ARPN Journal of Engineering and Applied Sciences	1819-6608	13	4	1396	1401
49.	2018	Sasikumar K., Ashija P.A., Jagannath M., Adalarasu K., Nathiya N.	A hybrid approach based on PCA and LBP for facial expression analysis	ARPN Journal of Engineering and Applied Sciences	1819-6608	13	1	302	308
50.	2018	Meenakshi Subramani., Vinoth Babu Kumaravelu	A Quality-Aware Fuzzy-Logic-Based Vertical Handover Decision Algorithm for Device-to-Device Communication	Arabian Journal for Science and Engineering	1319-8025	44	3	2413	2425

51.	2018	Ramanathan R., Mallick P.S., Sundarajan Jayaraman T.	Low complexity compressive sensing greedy detection of generalized quadrature spatial modulation	IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences	0916-8508		3	632	635
52.	2018	Nandakumar, S., Velmurugan, T., Noor Mohammed, V., Sasikumar, P., Preetha, K.S.	Optimizing the vertical handoff decision making algorithm in 4G	ARPN Journal of Engineering and Applied Sciences	1819-6608	13	3	947	953
53.	2018	Irene G., Rajesh A.	Review on the design of the isolation techniques for UWB-MIMO antennas	Advanced Electromagnetics	2119-0275	7	4	46	70
54.	2018	S. Sankar Ganesh., P. Arulmozhivarman., V. S. N. Rao Tatavarti	Prediction of PM2.5 using an ensemble of artificial neural networks and regression models	Journal of Ambient Intelligence and Humanized Computing	1868-5137			1	11
55.	2018	Eappen G., Shankar T.	Optimization of two area AGC based power system using PSO tuned Fuzzy PID controller and PSO trained SSSC and TCPS	International Journal of Engineering and Technology(UAE)	2227-524X	7	4	163	168
56.	2018	M. Eswar Reddy., Gudheti Ramachandra Reddy	Dynamic clipped histogram equalization technique for enhancing low contrast images	Proceedings of the National Academy of Sciences, India Section A: Physical Sciences	0369-8203			1	26

57.	2018	Bagyaveereswaran V., Petchinathan G., Anitha R.	Particle swarm optimizaton based PID controller for MPPT	International Journal of Mechanical Engineering and Technology	0976- 6340	9		1057	1065
58.	2018	K. V. N. Kavitha, Kalapraveen Bagadi	COMPLEXITY REDUCED CHANNEL ESTIMATION IN WIMAX ENVIRONMENT FOR MIMO-OFDM SYSTEM	Journal of Engineering Science and Technology	1823- 4690	13	4	875	892
59.	2018	Divya Bharathi N., Sivasankaran K.	Performance analysis of a substrate- engineered monolayer MoS2 field-effect transistor	Journal of Computational Electronics	1569- 8025			-	-
60.	2018	Bhattacharyya B., Misra I.S., Sanyal S.K.	Reducing phase offset using novel adaptive cyclic prefix based adaptive sub block correlation for BWA networks	International Journal on Communications Antenna and Propagation	2039- 5086	8	4	277	287
61.	2018	M. Eswar Reddy., Gudheti Ramachandra Reddy	Exposure and Median Based One-to-One Gray Level Mapping Transformation for Entropy Preservation and Contrast Enhancement	Proceedings of the National Academy of Sciences, India Section A: Physical Sciences	0369- 8203			1	16

62.	2018	S Nilamani, P Chitra and V N Ramakrishnan	A topological variation on sub-20 nm double-gate inversion and Junctionless-FinFET based 6T-SRAM circuits and its SEU radiation performance	Microelectronics Reliability	0026-2714	82	-	11	19
63.	2018	Bagubali A., Prithiviraj V., Mallick P.S.	Review on IMS-4G-cloud networks maintaining service continuity using distributed multi agent scheme	International Journal of Computer Aided Engineering and Technology	1757-2657	10	5	557	567
64.	2018	Varma M.A., Jindal S.K.	Novel design for performance enhancement of a touch-mode capacitive pressure sensor: theoretical modeling and numerical simulation	Journal of Computational Electronics	1569-8025	17	3	1324	1333
65.	2018	Venkateshalu S., Goban Kumar P., Kollu P., Jeong S.K., Grace A.N.	Solvothermal synthesis and electrochemical properties of phase pure pyrite FeS <sub>2</sub> for supercapacitor applications	Electrochimica Acta	0013-4686	290		378	389

66.	2018	Mohanraj J., Velmurugan V., Sathiyar S., Sivabalan S.	All fiber-optic ultra-sensitive temperature sensor using few-layer MoS <sub>2</sub> coated D-shaped fiber	Optics Communications	0030-4018	406		139	144
67.	2018	Pankaj Mudgil, Ravi Singla, Pachaiappan Jayakrishnan	Improved Algorithm for Detection of Skin and Symptoms of Skin Disease 'Seborrheic Keratosis' with Implementation on FPGA and MATLAB	Research Journal of Pharmacy and Technology	0974-3618	11	10	1	6
68.	2018	S. Nandakumar, T. Velmurugan, V. Noor Mohammed, P. Sasikumar and K. S. Preetha	OPTIMIZING THE VERTICAL HANDOFF DECISION MAKING ALGORITHM in 4G	ARN Journal of Engineering and Applied Sciences	1819-6607	13	3	947	953
69.	2018	R. K. Mugelan; M. A. Bhagyaveni	Performance Enhancement of Multi-Antenna Relay Link in LTE Het-Net	Journal of Communications Technology and Electronics	1064-2269	63	11	1286	1295
70.	2018	Sanal A., Sathyanarayanan P., Velmurugan V., Kannadassan D.	Negative VCC in MIM capacitors: modeling and experiments	Journal of Computational Electronics	1569-8025	17	1	458	462
71.	2018	Shaik A., Thanikaiselvan V.	A New Image-Based Hybrid Reversible Data Hiding Model Using IHWT and RP-PEHM for Secured Data Communication	Circuits, Systems, and Signal Processing	0278-081X	37	11	4907	4928

72.	2018	Srividhya V., Shankar T.	Survey on detecting white spaces in the spectrum of cognitive radio sensor networks	Journal of Advanced Research in Dynamical and Control Systems	1943-023X	10		1077	1093
73.	2018	Divya Bharathi N., Sivasankaran K.	Research progress and challenges of two dimensional MoS2 field effect transistors	Journal of Semiconductors	1674-4926	39	10	-	-
74.	2018	Nirmala Grace A., Vimala R., Jacob G.	Guest editorial: 1st international conference on nanoscience and nanotechnology (ICNAN 2016)	IET Nanobiotechnology	1751-8741	12	2	93	-
75.	2018	Felix S., Grace A.N., Jayavel R.	Sensitive electrochemical detection of glucose based on Au-CuO nanocomposites	Journal of Physics and Chemistry of Solids	0022-3697	122		255	260
76.	2018	S Narasimman, L Balakrishnan, S R Meher, R Sivacoumar, Elizabeth Rufus and Z C Alex	Wavelength Dependent Ammonia Sensing Characteristics of SnO2 based Fiber Optic Sensor	IOP Conference Series: Materials Science and Engineering	1757-8981	360	1	012055	012055
77.	2018	Sangeetha N., Bhavani Kumar Y., Sivabalan S.	Design of fused optical fiber bundle for ground based lidar receiver to profile the lower atmosphere	Optik	0030-4026	157		1016	1026

78.	2018	Reddirajula P., Susmith B., Jasmine Pemeena Priyadarsini M., Naseera S.	Driver drowsiness detection with automated braking and crash alert	ARPN Journal of Engineering and Applied Sciences	1819-6608	13	1	226	229
79.	2018	Arunachalam V., Joseph Raj A.N., Hampannavar N., Bidul C.B.	Efficient dual-precision floating-point fused-multiply-add architecture	Microprocessors and Microsystems	0141-9331	57		23	31
80.	2018	Kumar N.S., Santhosh C., Sudakaran S.V., Deb A., Raghavan V., Venugopal V., Bhatnagar A., Bhat S., Andrews N.G.	Electrospun polyurethane and soy protein nanofibres for wound dressing applications	IET Nanobiotechnology	1751-8741	12	2	94	98
81.	2018	Suganthan Veerachamy, Pearlin Hameed, Dwaipayan Sen, Sitaram Dash, Geetha Manivasagam	Studies on Mechanical, Biocompatibility and Antibacterial Activity of Plasma Sprayed Nano/Micron Ceramic Bilayered Coatings on Ti-6Al-4V Alloy for Biomedical Application	Journal of Nanoscience and Nanotechnology	1533-4899	18	2018	1	9
82.	2018	E.Monisha, Arun K.Prasad, A.Das, S.Muthuraja, S.Dhara	Development of nanostructured metal oxide portable alcohol sensor	Sensor letters	1546-198X	17	2019	1	5



83.	2018	Gnanaharan Irene., Anbazhagan Rajesh	A Penta-Band Reject Inside Cut Koch Fractal Hexagonal Monopole UWB MIMO Antenna for Portable Devices	Progress In Electromagnetics Research C	1937- 8718	82		225	235
84.	2018	Malladi Y.C., Madala, P., Ravikumar C.V, Kalapraveen Bagadi	Diminished Complexity Genetic Algorithm Aided and Radial Basis Function assisted multiuser detection for synchronous cdma	ARPN Journal of Engineering and Applied Sciences	1819	13	3	1	7
85.	2018	Raj, S., Rai, S., Magaramagara, W., Sivacoumar, R.	Wireless alerting system using vibration for vehicles dashboard	IOP Conference Series: Materials Science and Engineering	1757- 8981	263	5	052054	052054
86.	2018	Gupta D., Meher S.R., Illyaskutty N., Alex Z.C.	Facile synthesis of Cu <sub>2</sub> O and CuO nanoparticles and study of their structural, optical and electronic properties	Journal of Alloys and Compounds	0925- 8388	743		737	745
87.	2018	Janani K., Rajesh A., Shankar T.	Design of an optical half-adder using cohesive twin- structured PCRR	Journal of Computational Electronics	1569- 8025			1	8
88.	2018	A N S Aditya Rachakonda, Anand S	Field enhanced graphene based dual hexagonal ring optical antenna for tip-	Infrared Physics and Technology, Elsevier	1350- 4495	90	05	70	77

			enhanced spectroscopy						
89.	2018	Muthuraja Soundrapandian, Subramaniam Chittur Krishnaswamy	Design and development of methanol sensing MEMS sensor for DMFC technology	MATEC web of conferences	2261-236X	225	2018	220	225
90.	2018	Mohanraj V., Sakthivel R., Paul A., Rho S.	High Performance GCM Architecture for the Security of High Speed Network	International Journal of Parallel Programming	0885-7458	46	5	904	922
91.	2018	Manoharan G., Karuppiah M., Sahu N.K., Hembram K.	High performance multi-layer varistor (MLV) from doped ZnO nanopowders by water based tape casting: Rheology, sintering, microstructure and properties	Ceramics International	0272-8842	44	7	7837	7843
92.	2018	Tiwari D.L., Sivasankaran K.	Impact of substrate on performance of band gap engineered graphene field effect transistor	Superlattices and Microstructures	0749-6036	113		244	254

93.	2018	Velumani M., Meher S.R., Alex Z.C.	Impedometric humidity sensing characteristics of SnO <sub>2</sub> thin films and SnO <sub>2</sub> –ZnO composite thin films grown by magnetron sputtering	Journal of Materials Science: Materials in Electronics	0957-4522	29	5	3999	4010
94.	2018	Inbalatha M., Kalaivani S.	Inevitable dissection of left ventricle aimed at discovery of cardiac blood flow appraisal	International Journal of Engineering and Technology(UAE)	2227-524X	7	1.5	152	157
95.	2018	Vijay H M and V N Ramakrishnan	Radiation effects on memristor-based non-volatile SRAM cells	Journal of Computational Electronics	1569-8025	17	1	279	287
96.	2018	Karthikeyan A., Shankar T.	Transmission efficient protocol using population-based meta-heuristic technique with mobile sink for lifetime enhancement of heterogeneous wireless sensor networks	Journal of Theoretical and Applied Information Technology	1992-8645	96	6	1551	1560

97.	2018	Chaitra V, Uma V and Raja Sellappan	Fabrication and Characterization of PANI/Ag Nanocomposites Voltammetric Sensor for Foodborne Bacteria	Nanoscience & Nanotechnology-Asia	2210-6812	8	0	1	6
98.	2018	D'Aguanno B., Karthik M., Grace A.N., Floris A.	Thermostatic properties of nitrate molten salts and their solar and eutectic mixtures	Scientific Reports	2045-2322	8	1	-	-
99.	2018	Srividhya V., Shankar T.	Energy proficient clustering technique for lifetime enhancement of cognitive radio-based heterogeneous wireless sensor network	International Journal of Distributed Sensor Networks	1550-1329	14	3	-	-
100.	2018	Aarthi G., Ramachandra Reddy G.	Average spectral efficiency analysis of FSO links over turbulence channel with adaptive transmissions and aperture averaging	Optics Communications	0030-4018	410		896	902

101.	2018	Fouziya Sulthana., S.Nakkeeran., R,Shaffath Hussain Shakir., Rajesh A.	Investigation on resource scheduling with coexistence of unicast and multicast services in LTE OFDMA system	Journal of High Speed Networks	-	24	2	147	159
102.	2018	Boopalan Ganapathy., Subramaniam Chittur Krishnaswamy	Enhanced Energy Transfer using Gradient Indexed Metamaterial	INTERNATIONAL JOURNAL OF ANTENNAS AND PROPAGATION	1687- 5869	1942	1	1	6
103.	2018	Prayline Rajabai, C., Sivanantham, S.	Review on architectures of motion estimation for video coding standards	International Journal of Engineering and Technology(UAE)	2227- 524X	7	10	928	934
104.	2018	Sivanantham, S., Aravind Babu, S., Babu Ramki, S., Mallick, P.S.	Test data compression with alternating equal-run-length coding	International Journal of Engineering and Technology(UAE)	2227- 524X	4	4	1089	1094
105.	2018	Senthilnathan, S. Kumaravel, S.	Structural and power analysis of Ripple Carry Adder in QCA	ARPJ Journal of Engineering and Applied Sciences	1819- 6608	13	8	2726	2733
106.	2018	R. Rajesh., P. G. S. Velmurugan., S. J. Thiruvengadam., d P. S. Mallick	Outage Performance of Bidirectional Full- Duplex Amplify-and- Forward Relay Network with Transmit Antenna Selection and Maximal Ratio Combining	Journal of Telecommunications and Information Technology	1509- 4553	2018	1	62	69

107.	2018	Prakash Ramachandran., Zachariah C. Alex., Anith Nelleri	Phase reconstruction using compressive two-step parallel phase-shifting digital holography	Optical Engineering	0091-3286	57	4	-	-
108.	2018	Dharanibai G., Chandrasekharan A., Alex Z.C.	Automated Segmentation of Left Ventricle Using Local and Global Intensity Based Active Contour and Dynamic Programming	International Journal of Automation and Computing	1476-8186			1	16
109.	2018	Vahida Shaik* and Krishnan Shambavi	Design of Dodecagon Unit Cell Shape Based Three Layered Frequency Selective Surfaces for X Band Reflection	Progress In Electromagnetics Research M	1937-8726	75	75	103	111
110.	2018	Anna Jacob, A., Balakrishnan, L., Meher, S.R.c, Sivacoumar, R, Shambavi, K., Alex, Z.C.	Ammonia, acetone and ethanol gas sensing characteristics of CuO thin films grown by sputtering	IOP Conference Series: Materials Science and Engineering	1757-8981	360	1	012062	012062
111.	2018	Debopam Dey, Abhishek Parida, Shivang Yamdagni and Deepika Rani Sona	IMPLEMENTATION OF A COST-EFFECTIVE DATA ACQUISITION SYSTEM USING STM32 AND CAN ARCHITECTURE FOR ELECTRONIC DIFFERENTIAL	International Journal of Mechanical Engineering and Technology	0976-6340	9	2	417	431

112.	2018	Inbalatha M., Kalaivani S.	Quick recognition of ischemia heart disease for computing stenosis	Journal of Advanced Research in Dynamical and Control Systems	1943-023X	10	2	1043	1055
113.	2018	Christina Josephine Malathi A., Thiripurasundari D.	Bandwidth enhanced MIMO antenna for LTE bands using split ring resonators and stubs	Advanced Electromagnetics	2119-0275	7	2	36	40
114.	2018	Karuna Y., Saladi S., Bhattacharyya B.	Brain tissue classification using PCA with hybrid clustering algorithms	International Journal of Engineering and Technology(UAE)	2227-524X	7	2	536	540
115.	2018	James D., Sridharan P., Biradar D., Sundar S., Shanmugasundaram M.	Gesture controlled robotic arm using query strings	International Journal of Mechanical Engineering and Technology	0976-6340	9	4	126	135
116.	2018	Santhosh R., Raman S.R.S., Krishna S.M., Ravuri S.S., Sandhya V., Ghosh S., Sahu N.K., Punniyakoti S., Karthik M., Kollu P., Jeong S.K., Grace A.N.	Heteroatom doped graphene based hybrid electrode materials for supercapacitor applications	Electrochimica Acta	0013-4686	276		284	292
117.	2018	Rout G., Karuturi S., Padmini T.N.	Pollution monitoring system using IOT	ARPJ Journal of Engineering and Applied Sciences	1819-6608	13	6	2116	2123

118.	2018	Aswin A.M., Venugopal P.	Challenges in front of fully automated vehicles and also interaction between humans and fully automated vehicles	International Journal of Mechanical Engineering and Technology	0976-6340	9	2	493	505
119.	2018	Arthi Murugadass., Vinoth Babu Kumaravelu., SunilKumar Reddy Thippayagari	Energy Efficient Evolved Node Base Station and Relay Station Placement Scheme for Green Cellular Networks	International Journal of Intelligent Engineering and Systems	2185-310X	11	2	121	131
120.	2018	Rajput A., Vinoth Babu K.	Clustering techniques of Wireless sensor networks for Internet of Things	ARPJ Journal of Engineering and Applied Sciences	1819-6608	13	5	1715	1733
121.	2018	Jindal S.K., Varma M.A., Thukral D.	Comprehensive assessment of MEMS double touch mode capacitive pressure sensor on utilization of SiC film as primary sensing element: Mathematical modelling and numerical simulation	Microelectronics Journal	0026-2692	73	C	30	36
122.	2018	Saravanan K., Purusothaman T., Kavitha K.V.N.	Compressive sensing based image encryption scheme	ARPJ Journal of Engineering and Applied Sciences	1819-6608	13	4	1381	1385



123.	2018	Manikanta K, Rajalakshmi S., Shankar T.	Demonstration of smart sensor based industrial automation system in IOT environment	ARPN Journal of Engineering and Applied Sciences	1819-6608	13	5	1802	1806
124.	2018	Anush Agarwal , Sarthak Mendiratta and Deepika Rani Sona3	Intelligent, cognitive and responsive appliance control system with smart home security and automated LPG leakage control	Jour of Adv Research in Dynamical & Control Systems	1943-023X	10	3	1030	1035
125.	2018	Rajesh R., Velmurugan P.G.S., Thiruvengadam S.J., Mallick P.S.	Spatial modulation and physical layer network coding based bidirectional relay network with transmit antenna selection over Nakagami-m fading channels	International Journal of Communication Systems	1074-5351			-	-
126.	2018	Budhaditya Bhattacharyya, Akya Bhatnagar, Arya Bhattacharya	A NOVEL APPROACH TO AUTOMATED PARKING USING RFID BASED USER AUTHORIZATION	Far East Journal of Electronics and Communications	0973-7006	18	1	85	100
127.	2018	Nelapati R.P., Sivasankaran K.	Impact of self-heating effect on the performance of hybrid FinFET	Microelectronics Journal	0026-2692	76		63	68

128.	2018	Titus G., Sudhakar M.S.	Context adaptive residual coding for efficient compression of MCEEG employing wave atom transforms	Multidimensional Systems and Signal Processing	0923-6082			1	15
129.	2018	Kothapudi V.K., Kumar V.	Compact 1 $\diamond$ — 2 and 2 $\diamond$ — 2 dual polarized series-fed antenna array for X-band airborne synthetic aperture radar applications	Journal of Electromagnetic Engineering and Science	2234-8409	18	2	117	128
130.	2018	Jindal S.K., Magam S.P., Shaklya M.	Analytical modeling and simulation of MEMS piezoresistive pressure sensors with a square silicon carbide diaphragm as the primary sensing element under different loading conditions	Journal of Computational Electronics	1569-8025	17	4	1780	1789
131.	2018	Nageswaran S., Sreegovind G., Raj R.A., Akhil A.L., Ramanathan P.	Design Modification of Wheel Chair Seat to Prevent the Formation of Decubitus Ulcers in Patients with Physical Disabilities	Materials Today: Proceedings	2214-7853	5	5	12437	12442

132.	2018	Prakash A, Dharmendra Kumar M., Baradeswaran A., Padma Priya R., Bagubali A.	Evaluation, analysis and comparison of the wear behaviour of Al 6061 and Al 7075 hybrid composites	Journal of the Balkan Tribological Association	1310- 4772	24	1	1	14
133.	2018	Praveen N., Valarmathi J.	Implementation of OFDM modulated digital communication using software defined radio unit for radar applications	International Journal of Pure and Applied Mathematics	1311- 8080	119	12	509	517
134.	2018	Chandan Abhishek Pandey, Syamsai Ravuri, R Ramachandran, R Santhosh, Sourav Ghosh, SR Sitaraman, Andrews Nirmala Grace	Synthesis of NiS- graphene nanocomposites and its electrochemical performance for supercapacitors	International Journal of Nanoscience	0219- 581X	17	01n02	1760000	1760021
135.	2018	ML Aparna, A Nirmala Grace, P Sathyanarayanan, Niroj Kumar Sahu	A comparative study on the supercapacitive behaviour of solvothermally prepared metal ferrite (MFe <sub>2</sub> O <sub>4</sub> , M= Fe, Co, Ni, Mn, Cu, Zn) nanoassemblies	Journal of Alloys and Compounds	1873- 4669	745	-	385	395
136.	2018	Anusudha K., Venkateswaran N., Valarmathi J.	Chaos based Image transaction secured watermarking for medical imaging	International Journal of Pure and Applied Mathematics	1311- 8080	119	12	347	358

137.	2018	Jayaprakash A., Reddy G.R.	Novel Adaptive Filter Design for Filter Bank Multicarrier System Under Doubly Dispersive Channel Conditions	IETE Journal of Research	0377-2063	64	4	538	552
138.	2018	Priyanka S., Sudhakar M.S.	Tetrakis square tiling-based triangulated feature descriptor aiding shape retrieval	Digital Signal Processing: A Review Journal	1051-2004	79		125	135
139.	2018	Jindal S.K., Kumar Y., Priya S., Kumar A., Raghuwanshi S.K.	Design and Analysis of MEMS Pressure Transmitter using Mach Zehnder Interferometer and Artificial Neural Networks	IEEE Sensors Journal	1530-437X	18	17	7150	7157
140.	2018	Shaik A., Thanikaiselvan V.	Comparative analysis of integer wavelet transforms in reversible data hiding using threshold based histogram modification	Journal of King Saud University - Computer and Information Sciences	1319-1578			-	-
141.	2018	Thakur M., Sharma S., Vaegae N.K.	Next generation wheelchair using multimode smart sensor module	International Journal of Mechanical Engineering and Technology	0976-6340	9	7	155	162

142.	2018	Bhowmick A., Das G.C., Roy S.D., Kundu S., Maity S.P.	Allocation of optimal energy in an energy-harvesting cooperative multi-band cognitive radio network	Wireless Networks	1022-0038			-	-
143.	2018	S.Revathi, Harshitha	Body sensors using IOT	ARPN journal of engineering and Applied sciences	1819-6608	13	8	2916	2922
144.	2018	Aswin A.M., Sundar S.	Electromagnetic interference (EMI) and electromagnetic compatibility (EMC) in real time applications - survey	International Journal of Mechanical Engineering and Technology	0976-6340	9	6	474	482
145.	2018	Aswin A.M., Sasikumar P.	Recent trends in wireless and mobile communication - survey	International Journal of Mechanical Engineering and Technology	0976-6340	9	6	483	489
146.	2018	Ramya S., Srinivasa Rao I.	An ultra-thin compact wideband metamaterial absorber	Radioengineering	1210-2512	27	2	364	372
147.	2018	Mittal D., Rajalakshmi S., Shankar T.	Demonstration of automatic wheelchair control by tracking eye movement and using IR sensors	ARPN Journal of Engineering and Applied Sciences	1819-6608	13	11	3643	3649

148.	2018	Kulkarni M.P., Madathil D.	A review of echocardiographic image segmentation techniques for left ventricular study	ARPN Journal of Engineering and Applied Sciences	1819-6608	13	10	3536	3541
149.	2018	Patwari A., Ramachandra Reddy G.	A conceptual framework for the use of minimum redundancy linear arrays and flexible arrays in future smartphones	INTERNATIONAL JOURNAL OF ANTENNAS AND PROPAGATION	1687-5869	2018		-	-
150.	2018	Ravikumar C.V., Venugopal P., Jagannadha Naidu K., Satheesh Kumar S., Koppu S.	Adaptive cruise control and cooperative cruise control in real life traffic situation	International Journal of Mechanical Engineering and Technology	0976-6340	9	13	578	585
151.	2018	Patwari A., Reddy G.R.	DOA estimation and adaptive nulling in 5G smart antenna arrays for coherent arrivals using spatial smoothing	International Journal of Mechanical Engineering and Technology	0976-6340	9	11	614	628
152.	2018	Thilagavathi K., Sivanantham S.	Two-stage low power test data compression for digital VLSI circuits	Computers and Electrical Engineering	0045-7906	71		309	320
153.	2018	Kumar N.S., Arun M., Dangi M.K.	Remote sensing image retrieval using object-based, semantic classifier techniques	International Journal of Information and Communication Technology	1466-6642	13	1	68	82

154.	2018	Singh Rohitkumar Shailendra and V N Ramakrishnan	Impact of process variation on multiple- tube GAA-CNTFETs	ARPN Journal of Engineering and Applied Sciences	1819- 6608	13	20	8338	8340
155.	2018	Suresh Kumar M and Yogesh Kumar Choukiker	Tunable wideband frequency and switching polarisation reconfiguration antenna for wireless applications	IET Microwaves, Antennas & Propagation	1751- 8725	12	15	2364	2371
156.	2018	Sundar S., Basu A., Kar A., Kumar R., Kittur H.M.	Shortest path establishment approaches for static and dynamic mobile nodes with quality of service	Electronic Government	1740- 7494	14	1	1	15
157.	2018	Singh Rohitkumar Shailendra and V N Ramakrishnan	Study of Reconfigurable Properties of DG- CNTFET with different oxide material in the nanoscale regime	Advanced Science Letters	1936- 6612	24	8	5964	5969
158.	2018	Reddy A., Shankar T., Lavnya N., Mageshvaran R., Muthiah-Nakarajan V.	Self-deployment in wireless sensor networks using Ant Colony Optimization method	ARPN Journal of Engineering and Applied Sciences	1819- 6608	13	3	990	997

159.	2018	Afreen R. Kerur., K.N. Hosur., G.G. Mane., G. V. Attimarad., H. M. Kittur	DESIGN AND ANALYSIS OF LOW POWER 4 BIT FLASH ADC USING QUANTUM VOLTAGE COMPARATOR	International Journal of Engineering and Manufacturing Science	2249-3115	8	1	43	53
160.	2018	Abhishek Kumar, Gaurav Chattree, Sasikumar Periyasamy	Smart Healthcare Monitoring System	Wireless Personal Communications	0929-6212	101	1	453	463
161.	2018	Magidi S., Jabeena A.	Review on Wavelength Division Multiplexing Free Space Optics	Journal of Optical Communications	0173-4911			-	-
162.	2018	Titus G., Sudhakar M.S.	A Simple but Efficient EEG Data Compression Algorithm for Neuromorphic Applications	IETE Journal of Research	0377-2063			1	12
163.	2018	Sathya P., Natarajan R.	Design and Optimization of Amorphous Based on Highly Efficient HIT Solar Cell	Applied Solar Energy	0003-701X	54	2	77	84
164.	2018	Divya Bharathi N., Sivasankaran K.	Influence of metal contact on the performance enhancement of monolayer MoS2 transistor	Superlattices and Microstructures	0749-6036	120		479	486



165.	2018	Priyanka, G., Pranitha, N., Madathil, D., Vidhya, S.	A non-invasive tongue controlled wireless assistive device for quadriplegics	Biomedical Research (India)	0970938X	29	8	1626	1630
166.	2018	Irene G., Rajesh A.	A dual-polarized UWB MIMO antenna with IEEE 802.11ac band-notched characteristics using split-ring resonator	Journal of Computational Electronics	1569-8025	17	3	1090	1908
167.	2018	Kavitha K.V.N., Kesarwani K., Pranav S.M., Noah T.	Real-time monitoring of driver's biometrics to prevent multi-vehicle chain collisions caused by impending medical emergencies	International Journal of Engineering and Technology(UAE)	2227-524X	7		51	54
168.	2018	Kulkarni P., Madathil D.	A review on echocardiographic image speckle reduction filters	Biomedical Research (India)	0970-938X	29	12	2582	2589
169.	2018	Priyanka G., Pranitha N., Madathil D., Vidhya S.	A non-invasive tongue controlled wireless assistive device for quadriplegics	Biomedical Research (India)	0970-938X	29	8	1626	1630
170.	2018	Narasimman S., Balakrishnan L., Alex Z.C.	Fiber optic magnetic field sensor using Co doped ZnO nanorods as cladding	RSC Advances	2046-2069	8	33	18243	18251

171.	2018	Avitaj Mitra, Suraj S.S, Pratik Bokadia, Yash Gupta, S.Vidhya	Statistics of Indian Pillow Consumers: A Statistical Comparative Analysis on Preferences based on Age and Gender	International Journal of Management and Applied Science	2394- 7926	4	5	58	64
172.	2018	Clement. J.C	Jettison the Defectives: A Robust Cooperative Spectrum Sensing Scheme in a Cognitive Radio Network	Circuits, Systems, and Signal Processing	0278- 081X	37	6	2471	2491