

## PUBLICATIONS IN INTERNATIONAL JOURNALS

**2018-19**

S. No	Name of author	Title of the paper	Name of the journal/Conference	Vol.No., Issue No., Page No.,Year of publication
1	V.Lakshman Narayana, <b>C.R. Bharathi</b>	Multi-mode Routing Mechanism with Cryptographic Techniques and Reduction of Packet Drop Using 2ACK Scheme MANETs	Smart Intelligent Computing and Applications	pp 649-658,2019
2	D. Mahammad Rafi, <b>C.R. Bharathi</b>	Krill Herd Algorithm Based Medical Data Classification Using Hybrid Adaboost KNNClassification	Caribbean Journal of Science	Vol53, ISSUE 2,pp1613-1626,2019
3	Dr. Praveen Naidu, Arvind Kumar <b>Dr Rajkumar Rengasamy</b>	Uniplanar ACS fed multiband high-gain antenna with extended rectangular strips for portable system applications	International Journal of RF and Microwave Computer-Aided Engineering	Vol29, Issue10, 2019
4	<b>R.Sreelakshmy,G.Vairavel</b>	Novel cuff button antenna for dual-bandapplications	Information & Communications Technology Express	Vol 5, Issue 1, pp. 26-305,2019
5	Anil G.L , <b>J L Mazher Iqbal</b>	A Novel Energy Efficient Network Routing Protocol for in Wireless Sensor Networks	International Journal of Simulation, Systems, Science & Technology	Vol 19,Issue 6,pp 48.1-48.7,2019
6	C H Lien, S Vaidyanathan, A Sambas, <b>S Sampath</b> , Sukono , M Mamat	A new 3-D chaotic system with four quadratic nonlinear terms, its global chaos control via passive control method and circuit design	IOP Conference Series: Materials Science and Engineering	Vol 621, Issue 1, pp 1- 13,2018
7	<b>J. Mohanraj</b> , V. Velmurugan, S. Sivabalan	Tunable passively Q-switched ytterbium-doped fiber laser using MoWS <sub>2</sub> /rGO nanocomposite saturable absorber.	Opto-Electronics Review	Vol 27, Issue 1,pp 18-24,2019
8	Pallavi Goud N, Arulananth T S, <b>Bharathi C R</b> , Neheru K	Infra red sensor and voice recognition sensors based vehicle speed control using embedded controller	International Journal of Innovative Technology and Exploring Engineering	Vol 8 Issue-4, pp 303-305, 2019
10	<b>Yogaraj.A,K.Kalaiarasan</b>	Switching arithmetic for DC to DC converters using delta sigma modulator based control circuit	International Journal of Mechanical and Production Engineering Research and Development	Vol 8, Issue 2,pp 636-644,2018
11	<b>Yogaraj.A,M. R Ezilarasan</b> ,C. S SivanthiramD , Tamilvendhan	Segmented Bow-Tie Based Patch Antenna for Ground Penetrating Applications	Journal of Computational and Theoretical Nanoscience	Vol 1, Issue 59, pp 2736-2741,2018
12	<b>R. Sanmugasundaram, D. Dileepan, S. Natarajan</b>	Design of CPW antenna for network applications	International Journal of Engineering & Technology	Vol.7 No.4, pp.2525-2527, 2018

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13	<b>Imran Javeed.S,</b> <b>Aanandha Saravanan,</b> Rajendra Kumar	Efficient Biometric Recognition Methodology using Guided Filtering and SIFT Feature Matching	International Journal of Engineering & Technology	Vol.7 No. 3.1, pp.23-26, 2018
14	<b>K.Kalaiarasan,</b> K.Arthi, R.Priyanga	Design And Testing Of Monopole Wearable Textile Antenna For Radar Applications	Journal of Advanced Research in Dynamical and Control Systems	pp. 1202-1205, 2018
15	<b>R. Sreelakshmy,</b> <b>G Vairavel</b>	A Comparative Study on the Performance of Wearable Antennas Using Flexible and Non-Flexible Substrates	Journal of Computational and Theoretical Nanoscience	Vol 15 ,Issue 11,pp 3481-3485,2018
16	<b>T.Kavitha,</b> K.Diwakar, <b>S. Shiyamala ,.V.Vinoth Kumar</b>	Upper bounds on integrators of signal dependant delta-sigma ADC	Journal of Advanced Research in Dynamical and Control Systems	Issue 9,pp. 1116-1120,2018
17	<b>T Kavitha,</b> A Prem Kumar and A Sowmith	Performance Analysis of Single Side Band Orthogonal Frequency Division Multiplexing in Radio over Fiber System with Direct and External Modulation Schemes	Journal of Optical Communications	pp. 1-6,2019
18	<b>Shiyamala, S. ; Kavitha, T. ; Nithya Velam, M</b>	A modified MAP decoder architecture for low power consumption and delay using unfolded technique	Journal of Advanced Research in Dynamical and Control Systems	Vol 10, Issue 9, pp. 1159 -1166, 2018
20	<b>Dr.T.Kavitha</b>	“Minimum Surface Potential Profile Modeling of Triple Material Double Gate Metal Oxide Semiconductor Field Effect Transistor	Journal of Advanced Research in Dynamical and Control Systems	Vol.10. Issue.5,2018,
21	Dudekula Mahammad Rafi, <b>Chettiar Ramachandra Bharathi</b>	A Case Study of Medical Data Classification Using Hybrid Adboost KNN along with Krill Herd Algorithm (KHA)	Ingénierie des Systèmes D Information	pp. 77-81,2019
22	<b>T.Kavitha,</b> M.Shankar, Rajmohan	Investigating Wireless Optical Communication Systems for Inter-Satellite Communication using QPSK Modulation Technique	International Conference on Advanced Technology in Engineering and Management	pp. 849 - 856, 2019
23	M.Shankar, <b>T.Kavitha,</b> Rajmohan	Visual Assessment Of Femur Bone For Evaluating Osteoporosis	International Conference on Advanced Technology in Engineering and Management	2019
24	Jayavelu, S., Mariappan, R., Rajkumar, C., <b>Hemakumar, V.S</b>	Study on wear characteristics of hybrid al matrix composites fabricated using powder metallurgy	International Journal of Mechanical and Production Engineering Research and Development	Vol 2018, Issue 01, pp 258 - 262, 2018
25	Swaminathan Gowthaman, Gowri Shankar Chidambaram, Dilli Babu Govardhana	A Review on Energy Harvesting Using 3D Printed Fabrics for Wearable Electronics	Journal of The Institution of Engineers (India): Series C	Vol 99, Issue 4, pp 435 - 447,2018

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	Rao, Hemakumar Vyudhayagiri Subramya& Udhayagiri Chandrasekhar			
27	<b>R. Prasanna &amp; N. M. Masoodhu Banu</b>	Effect of Copper and Graphene Material on Bow-tie Structured Antenna for 1.2 GHz Application	Radioelectronics and Communications Systems	Vol 62, Issue 4, pp 189 - 1941 ,2019
28	<b>Dr.S. Jana, N.</b> Sivakumar Reddy, K. Gopi	Novel Image Based Blood Group Identification for Agglutinated Images	International Journal of Recent Technology and Engineering	Vol. 8 , Issue 1, pp. 2210 - 2214,2019
29	<b>Mr.K.Sambath Kumar,</b> A. Rajendran	A survey on Brain Tumor Segmentation Techniques	Indian Journal of Public Health Research and Development	Vol.10 ,Issue 2, pp. 1070-1075 ,2019
30	<b>Dr. Selwin Mich Priyadharson. A, Dr. J.L. Mazher Iqbal</b>	Cascaded Neural PID based control scheme in pumped storage power plant for energy grid disturbances.	Journal of Advanced Research in Dynamical & Control Systems	Vol.10 ,Issue 12, pp. 421 - 428 ,2018
31	<b>Dr. Selwin Mich Priyadharson. A, G. Rajesh</b>	Improved despeckle filtering technique for liver cirrhosis US images	International Journal of Engineering and Technology(UAE)	Vol. 7 ,Issue 2.2, pp. 267-271 ,2018
32	<b>Dr. Selwin Mich Priyadharson. A, B. Saroja</b>	Upgraded Spatial Gray Level Dependence Matrices for textural analysis in colon cancer tissues	International Journal of Engineering and Technology(UAE)	Vol. 7 ,Issue 2.2, pp. 291-294 ,2018
33	<b>Dr. Selwin Mich Priyadharson. A, G. Rajesh</b>	Abnormality Detection and Classification of Hepatic US Images	Journal of Advanced Research in Dynamical & Control Systems	Vol. 10 ,Issue 5, pp. 181 - 186 ,2018
34	<b>Dr. Selwin Mich Priyadharson. A, B. Saroja</b>	Color cancer detection for biopsy images using SFCM and ANN	Journal of Advanced Research in Dynamical & Control Systems	Vol 10 ,Issue 5, pp 342 - 347 ,2018
35	<b>Dr. Selwin Mich Priyadharson. A, N. Srinivasarao</b>	New Z source inverter for improving voltage quality	Journal of Advanced Research in Dynamical & Control Systems	Vol. 9, pp. 845 - 854 ,2018
36	<b>Dr. Selwin Mich Priyadharson. A, S. Bradleigh Vinson, M. Dharmaraj</b>	Overcoming Interference in Heterogeneous Networks and Improving Power Efficiency Using Hedonic Regression Analysis	Journal of Advanced Research in Dynamical & Control Systems	Vol. 10 ,Issue 7, pp. 65 - 72 ,2018
37	<b>Dr. Selwin Mich Priyadharson. A, N. Srinivasarao</b>	A new multifunctional DVR for compensation of voltage sag	International Journal of Engineering and Technology(UAE)	Vol.7 ,Issue 2.2, pp. 389 - 393 ,2018
38	<b>Dr. V. Hima Deepthi,</b> S.I. Nipanikar, Nikita Kulkarni	A sparse representation based image steganography using Particle Swarm Optimization and wavelet transform	Alexandria Engineering Journal	Vol. 57 ,Issue 4, pp. 2343-2356 ,2018
39	<b>Nithyavelam.M,</b> Joseph henry	Transmission lines fault detection using discrete wavelet transform and artificial neural network algorithm	ARPJ Journal of Engineering and Applied Sciences,	Vol. 13 , Issue 16,pp. 4625 - 4632 ,2018

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40	Reshma BegumShaik, <b>G. Sasikala</b>	Radio Frequency Network Designing for Earlier and 4G Mobile Communications Generation Systems by Exploitation Prediction Software	Journal of Advanced Research in Dynamical and Control Systems	Vol 11 , Issue 2, pg no 249-267,2019
41	K Aanandha Saravanan, <b>P. Suresh</b>	Prioritized scheduling scheme for critical and non-critical information packets	International Journal of Engineering and Technology	vol 7 Issue 3, Pg no1705-1708, 2018
42	Hemakumar .V. S, <b>Suresh. P</b>	Performance of zinc oxide coated on copper substrate in generating piezoelectric energy	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Vol-8, Issue-7, Pg no 87-90, 2019
43	<b>N. Vignesh PrasannaP</b> Sivaraj; Surender Dhanasekaran	Mean Value Modeling of Turbocharged Gasoline Direct Injection Engine	Journal of Computational Theoretical Nano Science	Vol.15, Issue 6, Pg no: 3522-3527, 2018
45	<b>V Vinoth Kumar; E</b> Balasubramanian; S.Mano	Stabilization of UAV using delta sigma modulator	International Journal of Engineering and Technology	vol.72, Issue 33, Pg no 461-465,2018
46	M. Sivarathinabala; <b>K. Vinulakshmi</b> ; T. Niruban Projoth	Design of smart tracking system using micro controller	ARPJN Journal of Engineering and Applied Sciences	vol13, Issue 13, Pg no 4074-4078, 2018
47	<b>Dr.R.Ambika</b> ; R Srinivasan	Impact of structural process variation on junctionless silicon nanotube FET	Advances in Natural Sciences: Nanoscience and Nanotechnology	Vol 9, Issue 37, pp 1-6,2018
48	<b>J L Mazher Iqbal</b> , Y Aparna	Implementation of Smart Rescue Operations and Adversity Managing System using the Internet of Things and Sensors	International Journal of Recent Technologies and Engineering,	Vol 7, Issue 6S , pp 853-856,2019
49	S. Satheesh Kumar, <b>J. L. Mazher Iqbal</b> , J. S. Sujin, R. Sowmya, and D. Selva Kumar	Recent Advancements in Automation to Enhance Vehicle Technology for Human Centred Interactions	Journal of Computational and Theoretical Nanoscience .	Vol 16,Issue 2,pp 550-556,2019
50	Devendra Rapelli, <b>J.L Mazher Iqbal</b>	Survey on Routing Algorithms for Fault Tolerant in Network on Chip	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Vol 87, Issue C2, pp 429-433,2019
51	<b>J.L. Mazher Iqbal</b> , Gautam Narayan	Design and Implementation of Efficient Adaptive Filter Using High performance Reversible Logic	Journal of Advanced Research in Dynamical & Control Systems	Vol 11,Issue: 1 , pp: 548 - 554,2018
52	Laiphrakpam Jibanpriya Devi, <b>J L Mazher Iqbal</b>	Efficient Technique to estimate age using PCA and multiSVM classificaation	International Journal of Engineering and Technology	Vol 7, Issue 1.2, pp 81-84,2018

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53	<b>S. Shiyamala</b> , T. Kavitha	Design of low delay ring oscillator using CMOS	International Journal of Engineering and Technology	Vol 73, Issue 6, pp334-336,2018
54	T.Kavitha,K.Diwakar, <b>S.Shiyamala</b> ,V.Vinoth Kumar	Upper bounds on integrators of signal dependant delta-sigma ADC	Jour of Adv Research in Dynamical & Control Systems,	Vol 09, Issue 1, pp1116-1120,2018
55	<b>Shiyamala, S.</b> Kavitha, T. Nithya Velam,	A Modified Map Decoder Architecture for Low Power Consumption and Delay Using Unfolded Technique	Jour of Adv Research in Dynamical & Control Systems,	<b>Vol 38, Issue 1,pp 1-6,2018</b>
56	A. Sai Suneel and <b>Dr.S. Shiyamala</b>	A novel energy detection of spectrum based on noise measurement-a review	Journal of Advanced Research in Dynamical and Control Systems	Vol 11 , Issue-01, pp 870-873,2019
57	<b>S Shiyamala</b> , T Kavitha, P K. Kowsalya	Improving the durability of the surveillance monitoring network	International Journal of Engineering and Technolog	Vol 7, Issue 3 , pp 956-959,2018
58	A.Sai Suneel, <b>S. Shiyamala</b>	Dynamic Threshold Selection Through Noise Variance for Spectrum Sensing	International Journal of Engineering and Advanced Technology (IJEAT)	Vol 8, Issue 3S,pp 230-234, 2019
61	<b>B.Senthil Kumaran;</b> S.J.Jebasingh Kirubakaran	Implementation of 6-DOF Biped Footstep Planning Under Different Terrain Conditions	International Journal of Engineering & Technology	Vol 7, Pg no:92-97, 2018
62	<b>Dr.G.Aloy Anuja Mary</b> , Sheeba Santhosh	An optimal Transmitted Power reduction based Rate Improvement Technique in cognitive radio networks	International Journal of Engineering and Advanced Technology	Volume-8 , Issue-3, 2019
63	<b>Dr.G.Aloy Anuja Mary</b> , Sheeba Santosh	Impact of Secondary user Density on Cognitive Radio Networks	International Journal of Innovative Technology and Exploring Engineering,	Volume-8 , Issue-4 , 2019
64	<b>Dr.K.Aanandha Saravanan</b> ,Dr.P Suresh	Dynamic and efficient traffic load balancing strategy for real time sensor networks	Journal of Advanced Research in Dynamical and Control Systems	Vol. 10, 1864–1869 , 2018
66	<b>Mrs.C.Ambika Bhuvanewari</b> ,M.Sivara thina Bala	Mobile Node Localization and Tracking in Wireless Sensor Networks using Extended Kalman Filter	International Journal of Recent Technology and Engineering,	Volume-7 , Issue-5S4 , 2019
67	Sheeba Santhosh, <b>Dr.G.Aloy Anuja Mary (2)</b>	An optimal Tone Mapping Technique with Random Phase Sequence Matrix for PAPR Reduction in Wireless OFDM Systems	International Journal of Engineering & Technology	Volume-7 , 186-189, 2018
68	P.Sukumar, <b>Dr.T.Kavitha</b> , A.Deepika, V.Jashnavi	Real Time soil fertility analyzer using IOT”, National Conference On Emerging Trends In Information, Management And Engineering Sciences	International Journal of Engineering and Technology	Vol 1, pp:1-5, 2018
69	<b>T.KAVITHA</b> ,	The Use of Unmanned Aerial Vehicle for	International Journal	Vol 6, Issue.7, Jul

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	R.GANESAMOORTHY	Spraying Fertilizers or Pesticides by Deploying Wireless Sensor Networks	of Advanced Computational Engineering and Networking,	2018
70	<b>J L Mazher Iqbal ,</b> S.Arun	Intelligent Information System for Suspicious Human Activity Detection in Day and Night	International Journal of Informatics and Communication Technology (IJ-ICT)	Vol 7, Issue 3, pp 117-123,2018