

PUBLICATIONS 2019-2020 (June 2019 - Till Date)

S.No	Title of the paper	Authors	Journal, ISSN, DOI	WOS / SCOPUS / UGC	Publication Date
1	Intelligent Edge Analytics and Coordinated Control for Autonomous Vehicles	Dr. S. Sathees Kumaran	International Journal of Intelligent Unmanned Systems, December 2019	Emerging SCA	Dec-19
2	Soft Computing and Optimisation Techniques for Biomedical Data Mining and Analysis	Dr. S. Sathees Kumaran	International Journal of Bioinformatics Research and Applications – Oct 2019	Scopus	Oct-19
3	Machine Learning and Artificial Intelligence for Computing and Networking in the Internet of Things, June 2019	Dr. S. Sathees Kumaran	International Journal of Cloud Computing – June 2019	Scopus	Jun-19
4	FPGA implementation of huang Hilbert transform for classification of epileptic seizures using Artificial Neural Networks	Dr.K.S.Rao	International journal of VLSI design and communication ,vol-10,no.3, DOI : 10.5121/vlsic.2019.10302	Scopus	June'2019
5	ANN model for detection and identification of sleep stages	Dr.K.S.Rao	ARPJ Journal of Engineering and Applied Sciences, vol-14,no-15	Scopus	Aug'2019
6	Techniques for Sigma Delta ADC Design using CMOS Technology for CODEC	B.Hemalatha, Dr. Ajay Dadoria, Dr.Hari Shankar Srivastava	International Journal of Innovative Technology and Exploring Engineering (IJITEE),ISSN: 2278-3075, Volume-8, Issue- 9S2, DOI : 10.35940/ijitee.I1003.0789S219	Scopus	July, 2019
7	Static Power Research on Nano Cryptographic Circuits	Ms.Neetu Srivastava, Mr. Kumar Neeraj, Ms.B.Hemalatha, Dr. Hari Shanker Srivastava	International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8, Issue-2S3, DOI : 10.35940/ijrte.B1118.0782S319	Scopus	July, 2019

8	High Rate Squeezing using LL Band Coding in Wavelet Domain	Dr.M.Santhosh	International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-6S,	Scopus	August, 2019
9	Predictive analytics & modeling for modern health care system for cerebral palsy patients, Multimedia Tools and Applications	Mr.D.Narendar Singh	Multimedia Tools and Applications https://doi.org/10.1007/s11042-019-07834-4	SCI-Indexed journal	july'2019
10	Real time rasperi pi facial emotion Recognition using pca improved	Mr. B.Santhosh kumar, Mr. k.Haripal reddy	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8, Issue- 9S2, July 2019 DOI : 10.35940/ijitee.I1002.0789S219	Scopus	July' 2019
11	Design of lowpower and high speed 4x4 multiplier using modified column bypassing scheme for DSP application	Mr. E.Srinivas, Mr. N.Sharath Babu, Mr. G.Sreenivasa Raju	International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8, Issue-2S3, DOI : 10.35940/ijrte.B1118.0782S319	Scopus	july'2019
12	TI and Companding based PAPR Reduction of FBMC-FMT System In 5G Technology	Mr.A.Madhusudan	International journal of analytical and experimental modal analysis, Volume-11, Issue-10, ISSN NO: 0886-9367	UGC	Sept'2019
13	A Low power 10 bit SAR ADC with variable threshold voltage technique for Biomedical applications	Mr.M.Kiran Kumar	Applied Sciences, Springer Nature, Vol.1 Issue 8, https://doi.org/10.1007/s42452-019-0940-3 , ISSN:2076-3417	ESCI	SEPT,2019

14	Design and Accomplishment of FIR filters for high Accuracy Reconfigurable Applications	Mrs.T.Annamani	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN:2278-3075,Volume-8,Issue-11S DOI:10.35940/IJITEE.K1021.09811s19	Scopus	September - 2019.
15	Enhancement of Underwater Images using Color Balancing and Multi-Scale Fusion Technique	Mr.B.Raja Sekhar, Mr. M Shiva Kumar	International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-6S DOI:F10340886S19	Scopus	August ' 2019
16	Modern Attendance System Using Machine Learning	Mrs.T.Hema Latha, Mr. G.SREENIVASA RAJU	International Journal of Research,ISSN NO:2236-6124) VOL -8,ISSUE-6	UGC	June'2019
17	Realization Of Flight Control System For Simulated Flight Using Gps With Kalman Filter On Fpga	Ms.J.Sudha Rani, Ms. J.Aparna Priya, Ms. T.Hemalatha	International Journal of Research in Advent Technology(IJRAT)Vol.7, No.4S, E-ISSN: 2321-9637	UGC	April 1, 2019
18	IOT and Data Research In Industrial Power Management	Mrs B. Pavitra, Mr D.Narendhar Singh	International Journal of Engineering and Advanced Technology (IJEAT) -ISSN: 2249 – 8958, Volume-8 Issue-6S, DOI:10.35940/ijeat.F1011.0886S19	Scopus	Aug'2019
19	Design and implementation of Smart Home Using CISCO Packet Tracer Simulator 7.2	Mr. Pitcheri Praveen Kumar, Mr. M Murali krishna,Mr.R.Ramprakash	International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-8, Issue-11S, DOI: K102409811S19	scopus	Sept'2019
20	Segmentation and Classification of MRI Segment in Medical Automated Learning System	Mr.V.Vinay Kumar	IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661,p-ISSN: 2278-8727, Volume 21, Issue 3	UGC	June' 2019

21	Design and Implementation of 32 Bit Convolution Architecture Using Higher Radix Algorithm	Mr.P.Ramakrishna	International Journal of New Innovations in Engineering and Technology, ISSN: 2319-6319, Vol-11, Issue-4,	UGC	Sept'2019
22	Electronic Speed Controller Based Quad Copter controlled by Hand Gestures	Mrs.G.Aswini, Mrs.J.Aparna Priya	International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN:2278-3075, vol-8, Issue-12S	Scopus	Oct'2019
23	Iot Integrated Industrial Automation for Wsn Applications	Mrs.G.Aswini, Mr.Anil kumar	International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN:2278-3075, vol-8, Issue-12S	Scopus	Oct'2019
24	Multi-Modal Authentication using Machine Learning Algorithm	Anil Kumar Gona, M. Subramoniam	International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume-8, Issue-6S3,	Scopus	September 2019
25	Cooperative Spectrum Sensing Over Imperfect Reporting Channel Using an Improved Energy Detector in Multiple Antenna Based Cognitive Radio	Dipak B. Khandgaonkar, Gaurav G. Bhosale, G. Sreenivasa Raju	International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8, Issue-2S11,	Scopus	Sep-19
26	Soft-Switching High Gain Step-Up DC/DC Converter without Auxiliary Switches	Rajesh Thumma, K.Subdareddy, M.Vijayalakshmi, Veera Venkata Subrahmanya Kumar.B	International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-8 Issue-12S,	Scopus	Oct-19
27	High Performance Bulk Driven Operational Trans Conductance Amplifier and Applications	Kiran Kumar Mandrumaka, Fazal Noorbasha	International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-8 Issue-12S,	Scopus	Oct-19

28	Human Movement Detection using Recurrent Convolutional Neural Networks	M. Kusuma sri, M.Vijaya Lakshmi, K. Sai Krishna	International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-8 Issue-12S,	Scopus	Oct-19
29	Wildlife Monitoring in Zoological Parks Using RASPBERRYPI and Machine Learning	Sk. Nayab Rasool, T. SR.CH.Murthy	International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8, Issue-2S11,	Scopus	Sep-19
30	Digital Twins for Simulation Systems	Sudha Rani Jainoju, B. Kishore Babu, T. Annamani, T. Hemalatha	International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8, Issue-2S11,	Scopus	Sep-19
31	A Deep Neural Network for face Recognition	K. Sai krishna, G. Sreenivasa Raju, P. Praveen Kumar	International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-8 Issue-12S,	Scopus	October 2019
32	Research on Two Stage and Folded Cascode Bulk Driven OTA in 0.18um CMOS Process	N.Sharath Babu, G.Sreenivasa Raju, Amrita Sajja	International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-8, Issue- 6S4,	Scopus	Apr-19
33	Design and Accomplishment of Fir Filters for High Accuracy Reconfigurable Applications	T.Annamani, B.Kishore Babu	International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-8, Issue-11S,	Scopus	Sep-19
34	Design of Smart Bio-Shed Using IoT with Raspberry PI	T. SR. CH. Murthy, SK. Nayab Rasool	International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8, Issue-2S11,	Scopus	Sep-19

35	Research on High Speed Low Power Digital Logic Family for Pipelined Arithmetic Logic Structures	T. Hemalatha, B.N.Manjubhargavi, G.Naganjali	International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-8 Issue-12S,	Scopus	Oct-19
36	An Automated Method for MRI Based Brain Tumor Detection using Berkeley Wavelet Transformation and Support Vector Machine	V. Vinay Kumar, K. Sai Krishna, S. Kusumavathi	International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume-8, Issue-6S3,	Scopus	Sep-19
37	Design of Self Controllable Voltage Level Circuit (SVL) for Low Power and High Speed 12T SRAM at 15nm Technology	Kumar Neeraj, J. K. Das, Hari Shanker Srivastava	International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume-9 Issue-2,	Scopus	December, 2019
38	Design of 10 bit SAR ADC in 180nm CMOS for Biomedical Applications	Amrita Sajja, S Rooban	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Scopus	Feb'2020
39	REAL TIME RASPERI PI FACIAL EMOTION RECOGNITION USING PCA IMPROVED ANALYSIS	Burgoji santhosh Kumar, Prof. (Dr).sudhir kumar Sharma ,k Haripal Reddy	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Scopus	Feb'2020
40	High Performance Bulk Driven Operational Trans conductance Amplifier and Applications	KiranKumar Mandrumaka, Fazal Noorbasha	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Scopus	Feb'2020
41	Design of Digital Secured box using IoT with Raspberry Pi	R.Ramprakash,K.Subbareddy,P.P raveen	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Scopus	Feb'2020
42	Computerized Attendance Management System Based On Face Recognition Algorithms Using WEBCAM	A Madhusudhan	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Scopus	Feb'2020
43	A Deep Neural Network for face Recognition	Naga Swetha R, V Shravani	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Scopus	Feb'2020
44	Voice controlled biped walking Robot for industrial applications	B.Pavitra, D.Narendar singh	IGI Global book chapter	scopus	Feb'2020

45	Smart patient assistance and health monitoring system using IOT	B.Pavitra, D.Narendar singh	Elsevier- Social Science Research Network(SSRN) materials today	scopus	Feb'2020
46	Predictive & Interactive IOT diagnosis system with AI & ML Tools: Review	B.Pavitra, D.Narendar singh	springer-book series Lecture Notes in Networks and Systems.	scopus	Feb'2020
47	Classification of breast cancer images using Completed Local Ternary Pattern and Support Vector Machine	M.Kusuma sri	International Journal of Bioinformatics Research and Applications (IJBRA), Inderscience	Scopus	Feb'2020
48	Low power CMOS Circuit design of Audio Frequency shift keying for emergency alert	K.Haripriya	International Journal of Vehicle Information and Communication Systems(IJVICS), ISSN NO: 1471-0242	Scopus	Feb'2020
49	CMOS circuit design for classification of ST and VT arrhythmia based on morphological analysis using neural network classifier	K.Haripriya	International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958	Scopus	Feb'2020
50	Improved bidirectional DC/DC converter configuration with ZVS for energy storage system: analysis and implementation	T.Rajesh	Institution Engineering and Technology power electronics, ISSN:1755-4535	SCI-Indexed journal	Feb'2020
51	Classification of ripening of banana fruit using Convolutional Neural Networks	M.Kusuma sri, K.Sai krishna, V.Vinay kumar	Elsevier-Social Science Research Network(SSRN) materials today	Scopus	Feb'2020
52	Improved PAPR Reduction with low complexity in OFDM and Filtered-OFDM(5G) Systems	A.Madhusudhan	Elsevier-Social Science Research Network(SSRN) materials today	Scopus	Feb'2020
53	Analysis of deblocking filter for efficient video coding by various Multicore processor based on parallelization	B.Santhosh kumar	Elsevier-Social Science Research Network(SSRN) materials today	Scopus	Feb'2020
54	IOT based garbage monitoring system with geo-tag	G.Aswini,R.Nagaswetha,D.Narendar singh	Elsvier, ISSN:2214-7853	Scopus	Feb'2020

55	Voice based virtual agri forming analyzer with Big ML algorithm	G.Aswini,R.Nagaswetha,D.Narendar singh	IEEE conference, ISBN:9781-3243-3	Scopus	Feb'2020
56	Design and Implementation of chicken Egg incubator for hatching using IOT	Dr.S.Sathees Kumaran	International Journal of Cloud Computing (IJCC), Inderscience	Scopus	Feb'2020
57	Discrete Stationary Wavelet transform and SVD based digital image watermarking for improved security	Dr.C.Rajakumar	International Journal of Cloud Computing (IJCC), Inderscience	Scopus	Feb'2020
58	Efficient Image Transmission using OSTBC4 Space Time Encoded MIMO System	Dr. S. Sathees Kumaran	IEEE Xplore Digital Library International Conference on Emerging Smart Computing and Informatics (ESCI)	Scopus	Feb'2020
59	Investigation of Low Power consumption Techniques in a Designof 8T SRAM cell	E.Srinivas	Test Engineering & Management		Feb'2020