List of Publications of the Year

A.Y:2021-2022

S. No.	Name of the Faculty	Title of the Paper	Name of the Conference/ Journal	ISSN/ISBN No.	Volume No.	Issue	Month	Year	Indexing
1	Dr.K.Bharath Kumar	Smart jacket for health monitoring using Lab VIEW	Materials Today:Proceedings(Elsevier)	2214-7853	-	-	April	2021	Scopus
2	Dr.K.Bharath Kumar	Analysis of tree-shaped slotted impedance matching antenna for 60 GHz femtocell applications	ICT Express, Elsevier publication	2405-9595	7		February	2021	Scopus
3	Dr.K.Bharath Kumar	Novel techniques of elliptical array optimization using grasshopper algorithm	Journal of Engineering Science And Technology	1823-4690	16	5	October	2021	WOS
4	Dr.CH.Sudhamani	Classified Authentication System with IOT and Dashboard	Advances in Micro-electronics, Embedded Systems and IoT	978-981-16-8550-7	838	-	April	2022	Scopus

5	Dr.CH.Sudhamani	Novel Techniques of Elliptical Array Optimization using Grasshopper Algorithm	Journal of Engineering Science And Technology	1823-4690	16	5	October	2021	WOS
6	Dr.Mahesh V Sonth	Design of two-dimensional photonic crystal based ultra compact optical RS flip-flop	Photonic Network Communications	1387-974X	43	2	April	2022	SCI
7	Dr. K.Mohanalakshmi	Lung Cancer Detection Based on Kernel PCA-Convolution Neural Network Feature Extraction And Classification By Fast Belief Deep Belief Neural Network In Disease Management Using Multimedia Data Sources	Computational intelligence and neuroscience, Hindawi	1687-5265	-	-	May	2022	SCI
8	Dr. K.Mohanalakshmi	Real time implementation and testing of VOIP	Journal of interconnection networks	0219-2659	22	1	March	2022	Scopus

		Vocoders with asterisk PBX using Wireshark packet analyzer							
9	Adavalli Vamshidhar Reddy	Probability of detection and probability of false alarm in cooperative spectrum sensing for cognitive radio systems using hard fusion rules	AIP Conference Proceedings	0094-243X	2358	1	July	2021	Scopus
10	D.Sreekanth	Efficiency Gains, Alternative Sources and Environmental Tracking Systems for Telecommunications Networks	Journal of Nuclear Energy Science & Power Generation Technology	2325-9809	10	9	August	2021	Scopus
11	M.Sravanthi	Double E shaped slotted reconfigurable square patch antenna for X-Band wireless applications	IEEE xplorer	978-1-6654-4726-3	-	-	March	2021	Scopus

12	Dilshad Shaik	Analytical variable execution of GDI Vedic Multiplier using FinFET 18nm Technology	Springer	1876-1100	-	-	April	2021	Scopus
13	Tulluri Sateesh	Text Dependent Human Voice Recognition System Using Hybrid Techniques	ICICC-2021				November	2021	Scopus
14	Renuka. N	Probability of detection and probability of false alarm in cooperative spectrum sensing for cogntive radio systems using hard fusion rules	AIP Conference Proceedings	0094-243X	2358	1	July	2021	Scopus
15	Bandari Thanuja	Underwater Image Enhancement Method for SLAM of Autonomous Underwater Vehicle	Journal of Xian University of Architecture & Technology	1006-7930	XIV		January	2022	Scopus
16	Dr. P. Venkata Krishnan	Modified spider monkey optimization	Journal of Communication System	1099-1131	34	3	November	2020	Scopus

		-An enhanced optimization of spectrum sharing in cognitive radio networks							
17	Dr.P.Venkata krishnan	Detection of Structure Characteristics and Its Discontinuity Based Field Programmable Gate Array Processor in Cancer Cell by Wavelet Transform	Journal of Medical Imaging and Health Informatics	2156701818	11	12	December	2021	Scopus
18	G. Srikanth	Design and Implementation of Reconfigurable Residual Number System Based FIR Filter For VLSI Signal Processing Applications	Journal Of Harbin Institute Of Technology	0367-6234	53	12	December	2021	Scopus
19	Dr.Suraya Mubeen	Novel Techniques of Elliptical Array Optimization using Grasshopper	Journal of Engineering Science and Technology	1823-4690	16	5	October	2021	WOS

List of Publications of theYearA.Y.:2020-21

S. No.	Name of the Faculty	Title of the Paper	Name of the Conference/ Journal	ISSN/ ISBN No.	Volume No.	Issue	Month	Year	Indexing
1	Dr. K. Bharath Kumar	Implementation of a 32-bit MIPS based on the RISC processor by using VHDL	European Journal of Molecular & Clinical Medicine	2515-8260	7	4	November	2020	Scopus
2	Dr.CH.Sudhamani	Improved Detection performance of energy detection based spectrum sensing in cognitive radio networks	International Journal of Sensors, Wireless Communications and Control	2210-3279	11	9	June	2021	SCI
3	Dr.CH.Sudhamani	Energy-efficient reporting scheme	IET Networks	2047-4954			March	2021	SCI

		for cognitive radio networks							
4	Dr.CH.Sudhamani	Double Threshold Spectrum Sensing With Optimization Of Samples In Cognitive Radio Networks	IIUM Engineering Journal	1511-788X	22	2	December	2020	Scopus
5	Dr.CH.Sudhamani	Detection Probability maximization through optimization of samples in cognitive radio networks	Multimedia Tools and Applications	1380-7501			June	2021	Scopus

6	Dr.MaheshVSonth	Photonic Nano Dielectric Crystal Cavity with Infiltrated Bio samples for Refractive Index Sensing Application	Integrated Ferroelectrics	1058-4587	213	1	February	2021	Scopus
7	Dr.MaheshVSonth	Basic Logic Gates in Two Dimensional Photonic Crystals for All Optical Device Design	International Journal of Electronics and Tele communications	2081-8491	67	2	April	2021	SCI
8	Dr.MaheshVSonth	Investigation of light behavior of all optical full adders in two-dimensional Photonic crystals	Microwave and Optical Technology Letters	0895-2477	63	4	April	2021	SCI
9	MohdAmeenuddin	A Novel Design ofLow Noise BioSignalOTA	Solid State Technology	0038-111X	63	6	October	2020	UGC
10	Bandaru	Switching	IOSR Journal	2319-4200				2021	UGC

	KarunaSree	through skewing the circuit	of VLSI andSignal Processing						
11	Mohd Abdul Naqi	Smart Jacket forHealth Monitoringusing LabVIEW	Materials Today Proceedings	2214-7853			December	2020	Scopus
12	D.Sreekanth	IOT Enabled Wireless Sensor Networks for Controlled and Safe Routing	International Journal of Aquatic Science	2008-8019	12	2	June	2021	Scopus
13	Narendar Chirumalla	Performance analysis of DSTN structured full adder in low power VLSI circuits.	International Journal of Information Technology and Electrical Engineering	2306-708X	3	4	June	2020	Scopus
14	MatamSravanthi	Double E shaped slotted reconfigurable square patch antenna for X-	IEEE Conference	:978-1-6654-416-7	3	2	March	2021	Scopus

		Band wireless applications							
15	Dilshad Shaik	Performance analysis of DSTN structured full adder in low power VLSI circuits.	International Journal of Information Technology and Electrical Engineering	2306-708X	3	4	June	2020	Scopus
16	Tulluri Sateesh	Development Of Flexible Organic Wireless RF Devices Utilizing Doppler Radar Fabric Antenna	International Journal of Aquatic Science	2008-8019	12	2	June	2021	Scopus

17	Renuka N	Automation of Traffic lights through IOT	IEEE conference on smart structures and systems	978-1-7281-7223-1			July	2020	Scopus
18	Bandari Thanuja	Pocket Laptop	International Journal for Research and Development in Technology	2349-3585	5	2	May	2021	Scopus
19	V.Aswini	Switching through skewing the circuit	IOSR Journal of VLSI andSignal Processing	2319-4197	2	3		2020	Scopus
20	Dr. P. Venkata Krishnan	Intelligent based novel embedded system based IoT enabled air pollution monitoring system	Microprocessors and Micro systems, Elsevier	1419331	77		September	2020	Scopus

21	Dr. P. Venkata Krishnan	Dispersed spectrum sensing and scheduling in cognitive radio network based on SOARR	Journal of Communication System	1099-1131,	33	4	August	2020	Scopus
22	Dr.BandiDoss	Design of aCMOS ThreeStage Ring VCOin 180nm	Solid State Technology	0038-111X	63	2s	October	2020	Scopus
22	Dr.BandiDoss	A Novel Design of Low Noise Bio Signal OTA	Solid State Technology	0038-111X	63	6	November	2020	Scopus
23	G. Srikanth	Design and Analysis of Multi Band Notched MIMO Antenna for Portable UWB Applications	wireless Personal Communications		118	2	May	2021	Scopus

24	Dr. Sudha Chandrika	Neural Network Based Prolong Structural Building Monitoring Management System Using Hybrid Wireless Sensor Network	Journal of Nat.Volatiles &Essent.Oils,	2148-9637	8	4	October	2021	Scopus
25	Dr.Suraya Mubeen	Automation ofTraffic lightsthrough IOT	IEEE Conference on smart structures and systems	978-1-7281-7223-1			July	2020	Scopus
26	Dr.Suraya Mubeen	Multiband circular monopole metamaterial antenna with improved gain	Journal of Computational And theoretical nano science	1546-1955	18	3	March	2021	Scopus

27	Dr.Suraya Mubeen	Metamaterial Inspired RectangularMicrostrip Antenna for Multiband THZ Application	Solid state Technology	00381 11X	63	6	October	2020	UGC
28	Dr.Sireesha Pendem	Implementation ofa 32-bit MIPSbased on theRISC processorby using VHDL	European Journal of Molecular & Clinical Medicine	2515-8260	7	4	November	2020	Scopus
29	Mallesh Sudhamalla	Reflexive Engineto Lock theSystem for DrivingWhile Intoxicated – Simulation byUsing LabView	International Journal of Online and Biomedical Engineering	26268 493	16	13	September	2020	Scopus

List of Publications Of the Year A.Y.:2019-2020

S.no	Name of the Faculty	Title of The Paper	Name of the Conference/ Journal	ISSN / ISBN No.	Volume No.	Issue	Month	Year	Indexing
1	Dr. K. BharathKumar	Hand GestureControlledRobot Using Labview	Test Engineering and Management	0193-4120	82	4	February	2020	Scopus
2	Dr. K. BharathKumar	Reflexive Engine to Lock the System for Driving While Intoxicated – Simulation by Using LabVIEW	International Journal of Online and Biomedical Engineering	2626-8493	16	13	October	2020	Scopus
3	Dr.Ch.sudhamani	Energy Efficiency in Cognitive Radio Network Using Cooperative Spectrum Sensing	Wireless Personal Communications	0929-6212	104	3	February	2019	SCI

4	Dr.Ch.sudamani	Cooperative Spectrum Sensing Over Rayleigh Fading Channel	Lecture notes in networks And systems	978-981-10-8204-7_24	33		August	2019	SCI
5	Dr.MaheshVSonth	Tunable optical add/drop filter for CWDM systems using photonic crystal ring resonator	Journal of Electronic Materials	0361-5235	48	11	November	2019	SCI
6	Dr.K.Mohana lakshmi	Robust Algorithm for Telugu Word Image Retrieval And Recognition	Journal of Mechanics of continuous and Mathematical Sciences	2454-7190	14	1	February	2019	Scopus
7	T.Saikumar	Local And Global Histogram Matching For Enhancing	Journal Of Critical Reviews	1757-1760	7	4	March	2020	Scopus

		Image Quality Using Spatial Representation.							
8	T.Saikumar	A Review onVideoEnhancementMethods andAlgorithms forhaze removal	Journal of engineering, computing and architecture	1934-7197	10	2	February	2020	Scopus
9	B.Karunasree	IoT Based Attendance Management System Using Google Assistant	International conference on Computer Networks, Big data and IoT	978-3-030-43191-4			March	2020	Scopus
10	D.Sreekanth	MIMO SystemFER Performance Analysis in Various Fading Environments with OSTBC-TCM Combination	Solid state technology	0038-111X	63	5	November	2020	UGC

11	D.Sreekanth	Security for Protecting Agricultural Crops from Wild Animals using GSM Technology	Journal of Shanghai Jiaotong University	1007 - 1172	16	7	July	2020	Scopus

12	D.Sreekanth	Telugu Word Image Recognition and Retrieval using Non-Sub Sampled Contourlet Transform	Journal of VLSI Design and Signal Processing	2581-8449	6	2	May	2020	Scopus
13	D.Sreekanth	Speech Signal Intelligibility Improvement by Statistical Signal Processing	Test engineering and management	0193-4120	83	5	June	2020	Scopus
14	D.Sreekanth	A Review on Bayesian Classifier for Speech Intelligibility Improvement in the Presence of Noise Signals	International Journal of Research and Analytical Reviews	2348-1269	7	1	March	2020	Scopus
15	D.Sreekanth	An Approach to Intelligibility Improvement and Noise Reduction in Speech Processing	International Journal of Creative thoughts	2320-2882	Vol.8	3	March	2020	Scopus

		Applications							
16	D.Sreekanth	A Reliable Spectral Detection Method of Dynamic Channel Assignment in Wireless and Mobile Communications	International Journal of Creative thoughts	2320-2882,	Vol.8	3	March	2020	Scopus
17	Dr.V. Mahesh Sonth	Optimization of Random Forest Algorithm with Ensemble and Hyper Parameter Tuning Techniques for Multiple Heart Diseases	Solid state Technology	0038-111X	Vol.63	5	November	2020	Scopus

18	T.Nagarjuna	Co-directional Complementary Split-Ring Resonator Rectangular Monopole Antenna for Penta-band Radio Application	Journal of Computational and Theoretical Nano science	1546-1963	17	3	March	2020	Scopus
19	Renuka N	Telugu Word Image Recognition andRetrieval usingNon-SubSampled Contourlet Transform	Journal of VLSI Design and Signal Processing	2581-8449	Vol.6	2	August	2020	UGC
20	Renuka N	Security for Protecting Agricultural Crops from Wild Animals using GSM Technology	Journal of Shanghai Jiaotong University	1007-1112	16	7	December	2019	Scopus

21	Dr.P.Venkatakrishnan	Unmanned Aerial Vehicles runway landing systems with efficient target detection by using morphological fusion for military surveillance systems	Journal of Computer communications	1403664	151		February	2020	Scopus
22	Dr.Bandi Doss	Design and Implementation of high Performance CMOS latch designs in VDSM Technology	International Journal of Recent Technology and Engineering	2277-3878	8	1s4	June	2019	Scopus
23	Dr.Bandi Doss	Usage of 64 bit hardware arbitrary number generator for various FPGA based applications	Journal of Advanced Research in Dynamical& Control Systems	1943-023X	11	4	March	2019	Scopus
24	G.Srikanth	Compact fifthiteration fractalantenna forUWB applications	Journal of radio Electronics and Communication Systems	-	64	6	August	2020	Scopus

25	G.Srikanth	Design and Analysis of Two Dimensional Electro magnetic Band Gap Antenna for WIFI Applications	AIP Conf. Proc. 2358,090005-1–090005-4;	https://doi.org/10.3103/S073527272106006 6			October	2020	Scopus
26	Dr.Sudha Chandrika	Comparative Analysis of Beam steering Techniques of Phased Array on the MOVE Antenna for SATCOM Applications	Journal of Critical review	2394-5125	7	19	December	2020	Scopus
27	Dr.Sudha Chandrika	MIMO System FER Performance Analysis in Various Fading Environments with OSTBC-TCM Combination	Solid State Technology	0038 111X	63	5	October	2020	Scopus

28	Dr.Suraya Mubeen	Synthesis of Circular array antennas Using Accelerated Particle swarm Optimization	International Journal of advance trends in Computer science and Engineering	2278 – 3091	8	5	October	2019	Scopus
29	SH.Suresh kumar	Harmonic Reduction of Shunt Active Power Filter using SVPWM	International Journal of recent Technology and Engineering	2277-3878,	Vol. 8	2S 8	August	2019	Scopus
30	Sh.Suresh kumar	Matrix Converter Control Strategies and Modulation Techniques	International Journal of recent Technology and Engineering	2277-3878	8	2S 8	August	2019	Scopus
31	T.Sateesh	A Review on Bayesian Classifier for Speech Intelligibility Improvement in the Presence of Noise Signals	International Journal of Research and Analytical Reviews	2348-1269	7	1	March	2020	

32	T.Sateesh	An Approach to Intelligibility Improvement and Noise Reduction in Speech Processing Applications	International Journal of Creative thoughts	2320-2882,	8	3	March	2020	
33	T.Sateesh	A Reliable Spectral Detection Method of Dynamic Channel Assignment in Wireless and Mobile Communications	International Journal of Creative thoughts	2320-2882	8	3	March	2020	Scopus

List of Publications of Year A.Y.:2018-19

S. No.	Name of theFaculty	Title of the Paper	Name of theConference/Journal	ISSN / ISBN No.	Volume No.	Issue	Month	Year	Indexing
1.	Dr. Sudha Chandrika	Performance Analysis of BER and channel capacity of MIMO-OSTBC using Adaptive Modulation Techniques	International Journal of Engineering and Technology	2259-524	Vol.7	29	September	2019	Scopus
2	Dr. K. BharathKumar	Millimeter Wave Frequency power divider for short	International Journal of Microwave and Optical Technology Letters	2019-3-1724	Vol.14,		July	2019	Scopus

		range applications at 60 GHz							
3	Dr.Ch.Sudha mani	Optimization of Cooperative secondary users in cognitive radio networks	Engineering science and technology, international journal	2215-0986	Vol.21	5	July	2018	Scopus
4	Dr.Ch.Sudha mani	Estimation of Success Probability in Cognitive Radio Networks	Lecture Notes in Electrical Engineering	978-981-13-0212-1	Vol.500		September	2018	Scopus
5	Dr.K.Mohana lakshmi	A New Hybrid Algorithm for Telugu Word	International Journal of Intelligent Engineering and Systems	978-981-13-0211-4	-	-	June	2018	Scopus

		Retrieval and Recognition							
6	T.SaiKumar	Radon Transform Based Modified Nonlinear Access for Segmentation of Mammogram Application	International Journal of Recent Technology and Engineering	2277-3878,	Vol.8	2	July	2019	Scopus
7	T.SaiKumar	Mammogram Segmentation using a Improved Nonlinear Access of Level Set Method	International Journal of Innovative Technology and Exploring Engineering	2278-3075	Vol.8	12	October	2019	Scopus
8	Swarna Venkatesh	A Novel	Solid state Technology		Vol:63	6	October	2019	Scopus

		Design of Low Noise Bio Signal OTA							
9.	T.Nagarjuna	Simulation and Analysis of Circular Microstrip Patch Antenna for WiMAX Application UsingC-Band	International Journal of Research in Electronics and Computer Engineering	2348-2281	Vol.7	2	April	2019	Scopus
10	T.Nagarjuna	Simulation andAnalysis ofPlanar Inverted F-Antenna for 4GApplications Using L-Band	International Journal of Research in Electronics and Computer Engineering	2348-2281	Vol.7	2	April	2019	Scopus

11	T.Nagarjuna, T.Sateesh	Design of Square Split Ring Resonator Meta Material Antenna for Novel Planar Microwave Using X-Band	International Journal of Research in Electronics and Computer Engineering	2348-2281	7	2	April	2019	Scopus
12	Dr.P.Venkata Krishnan	Research of Harmonics in Power System Signal using Gaussian's Distribution Overlapping by Receiver Operating Characteristics (Roc) Curve	International Journal of Recent Technology and Engineering	2277-3878	8	2s8	August	2019	Scopus

13	Dr.Bandi Doss	Novel fast and energy efficient carry skip adder in DSM technology	Jour of Adv Research in Dynamical & Control Systems	1943-023X	Vol.10	5	July	2018	Scopus
14	G.Srikanth	A Smart switch to Connect and Disconnect Electrical Devices At home	International Journal of Research	2236-6124	Vol.7	.9	November	2018	Scopus
15	G.Srikanth	Low Power Sub Threshold QDI Kogge Stone Adder using Sense Amplifier Lector based	International Journal of Innovative Technology and Exploring Engineering	2278-3075	Vol.8	11	December	2019	Scopus

		Half Buffer Cell Templates							
16	G.Srikanth	Performance ofAsynchronousQueasy DelayInsensitive (QDI)CircuitTemplates	International Journal of Engineering and Advanced Technology	2249-8958	9	1	October	2019	Scopus
17	Dr.SurayaMubeen	Design of Uniform and Non uniform Circular Arrays Comparison with FFA And RLS	International Journal of Engineering &Technology	2227-524X	7	3	November	2018	Scopus
18	Dr.Suraya Mubeen	Design and Analysis of Plasmonic	International Journal of Engineering &Technology	2227-524X	7	3	September	2018	Scopus

		Nanostub Filter Using Metal-Insulator-Metal(MIM) Waveguide							