



DEPARTMENT OF ECE ACADEMIC YEAR 2019-2020 (SCI-2, scopus-32, wos-17)						
Sl. No.	Authors Name	Name of the Journal	Title	Volume/ Issue/ pp	Year	
1	Mrs.B Murugeswari,Dr.R Samson Daniel, Dr.S.Raghavan	Applied physics A materials science and processing -SCI	A compact dual band antenna based on metamaterial-inspired split ring structure and hexagonal complementary split-ring resonator for ISM/WiMAX/WLAN applications	125, 9, PP 1-8	2020	SCI
2	Dr.R. Samson Daniel	AEU-International journal of Electronics and communications-SCI	Broadband μ -negative antenna using ELC unit cell	118	2020	SCI
3	G Subhasri,R Mahima ,M .Meenu	Bio science biotechnology Research communication	Intelligent Gloves for Physically-Challenged People	13, 2	2020	WOS
4	Dr.C.Jeyalakshmi , M Kalaivani	Bio science biotechnology Research communication	Intelligent Safety System for Women Security	13, 2	2020	WOS
5	R Mahima M Meenu G Subhasri	Bio science biotechnology Research communication	An IOT Based Safety Supporting System for Vehicle using Arduino UNO R3	13, 2	2020	WOS
6	R Balamurugan ,T Muruganatham ,N R Nagarajan	Bio science biotechnology Research communication	Industrial Parameters Monitoring Using Embedded System	13, 2	2020	WOS
7	M Meenu, G Subhasri , R Mahima	Bio science biotechnology Research communication	Machine Learning Based Malaria Prediction Using KNN Algorithm	13, 2	2020	WOS
8	P Malini, S Anusuya , A vidya	Bio science biotechnology Research communication	Deep Learning Algorithm Based Breast Cancer Detection	13, 2	2020	WOS
9	Dr.K Priyadarshini, M Karthick	Bio science biotechnology Research communication	Motion Estimation Algorithms With and Without Interpolation	13, 2	2020	WOS
10	S Janupriya , A K Thasleem sulthana,K Vigneshwaran	Bio science biotechnology Research communication	A Design of Coplanar Strip-Fed Monopole Antenna For Multiband Applications	13, 2	2020	WOS
11	A K Thasleem sulthana, K Vigneshwaran , S Janupriya	Bio science biotechnology Research communication	Estimation of Fruit Ripeness Using IoT	13, 2	2020	WOS
12	N R Nagarajan, R Balamurugan, T Muruganatham	Bio science biotechnology Research communication	Programmed Food Deliverance Scheme for Eatery	13, 2	2020	WOS
13	K vigneshwaran, S Janupriya , A K Thasleem sulthana	Bio science biotechnology Research communication	Automated Textile Defect Identification	13, 2	2020	WOS
14	M Kalaivani, Dr.C Jeyalakshmi , P Muralikrishnan	Bio science biotechnology Research communication	An Efficient Implementation of Data Masking Through Image Steganography	13, 2	2020	WOS
15	A Balakumar , J Roselin Suganthi	International Journal of Future Generation Communication and Networking	MEMS based Fall Prediction and Deduction System	13, 1	2020	WOS
16	J Roselin Suganthi,A Balakumar	International Journal of Future Generation Communication and Networking	Forest Fire Detection and Acoustic Based Fire Extinguisher	13, 1	2020	WOS



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17	U Surendhar , M Karthick	International Journal of Future Generation Communication and Networking	Design of Planar Passive Antenna for Wireless Communication	13, 1	2020	WOS
18	A Vidya, P Malini , S Sathiya	International Journal of Future Generation Communication and Networking	IOT Based Forest Fire Detection And Early Warning System Using Raspberry Pi And GSM	13, 1	2020	WOS
19	T Muruganantham, N R Nagarajan , R Balamurugan	International Journal of Future Generation Communication and Networking	Biometric Of Speaker Authentication Using CNN	13, 1	2020	WOS
20	K Suganthi, A abinaya	International Conference on Computer Communication and Informatics-	Design and Implementation of Numerically Controlled Oscillator	IEEE XPLORE	2019	SCOPUS
21	A Anusuya , P Malini , S Kaveya	International Journal of Control and Automation	An Effective Hospital Management Using IoT	13,2	2020	SCOPUS
22	K Kiruthiga , N R Nagarajan	Proceedings of the International Conference on Intelligent Computing and Control Systems	AN EASE UFMC TRANSMITTER USING IFFT	IEEE XPLORE	2019	SCOPUS
23	Dr.C Jeyalakshmi , G Subhasri ,Dr.A Revathi	International Journal of Control and Automation	EEG Signal Verification Using Supervised Neural Network	13, 2	2020	SCOPUS
24	K Dhanya , Dr.C Jeyalakshmi , A Balakumar	International Conference on Computer Communication and Informatics	A Secure Autonomic Mobile Ad-hoc Network based Trusted Routing Proposal	IEEE XPLORE	2019	SCOPUS
25	K Dhanya , Dr.C Jeyalakshmi , A Balakumar	Lecture notes in Networks and systems	An Acknowledgment-Based Approach for Implementing Trusted Routing Protocol in MANET	SPRINGER LECTURE NOTES	2019	SCOPUS
26	M Karthick , Dr.K Priyadarshini	International Journal of Advanced Science and Technology	Iris Recognition Using DCNN	29, 3	2020	SCOPUS
27	S Kaveya, Syedhusain.S, Revathi.T, Sathiya Priya.S, Subiksha.S, Sushma.M	International Journal of Advanced Science and Technology	Glaucoma Detection Using UNET Model	29, 3	2020	SCOPUS
28	R Kavipriya , M Maheswari	International Conference on Computer Communication and Informatics	High Speed Polar Encoder Architecture For next Generation 5G Applications Using Radix-k Processing Engine	IEEE XPLORE	2019	SCOPUS
29	T Abinaya , J Iswarya , M Maheswari	International Conference on Computer Communication and Informatics	A Novel Methodology for Monitoring and Controlling of Water Quality in Aquaculture using Internet of Things	IEEE XPLORE	2019	SCOPUS



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30	R Kavipriya , Dr.M. Maheswari	Lecture notes in Networks and systems	High-Speed Polar Decoder Architecture for Next Generation 5G Applications Using Radix-k Processing Engine	SPRINGER LECTURE NOTES		SCOPUS
31	J.Aruna, Dr.C. Jeyalakshmi, Dr.K.Priyadarshini, Dr.A.Revathi	International Journal of Advanced Science and Technology	A Detailed Survey on Video Compression Techniques Towards Efficient Transmission	29, 3	2020	SCOPUS
32	N Radha , M Ajeeth , S Akash, P Muralikrishnan	Proceedings of the Third International Conference on I-SMAC	AN EFFICIENT IMPLEMENTATION OF DECIMAL ADDER USING PARALLEL PREFIX ADDITION	IEEE XPLORE	2019	SCOPUS
33	S Rajapriya , A Abinaya	International Journal of Control and Automation	Bandwidth Enhanced CPW Fed Microstrip Antenna With DGS	13, 2	2020	SCOPUS
34	S Sathiya , P Malini , A Vidya	International Journal of Control and Automation	Detection of Forest Fire Accident For Uncertain Environment	13, 2	2020	SCOPUS
35	Dr.M Maheswari, N R Nagarajan , M Banupriya	Proceedings of International Conference on Artificial Intelligence	Performance Analysis of UPMC System with Different Prototype Filters for 5G Communication	SPRINGER LECTURE NOTES	2019	SCOPUS
36	G Subhasri , N Radha	International Conference on Computer Communication and Informatics	VLSI Architecture for Energy Detection Based Spectrum Sensing	IEEE XPLORE	2019	SCOPUS
37	A K Thasleem sulthana	Second International Conference on Smart Systems and Inventive Technology	Simulation and Implementation of BPSK Modulator and Demodulator System on Spartan3E FPGA	IEEE XPLORE	2019	SCOPUS
38	K Suganthi, A abinaya	Proceedings of the International Conference on Intelligent Computing and Control Systems	Implementation of Digital Down Converter using Resampling filter	IEEE XPLORE	2019	SCOPUS
39	P Malini, S Kokila , N Karthiga , N Naveen Balaji	Test Engineering and management	Design of Hybrid Full Adder using Full Swing and Non-Full Swing XOR XNOR Gates	82	2020	SCOPUS
40	P Muralikrishnan, M Kalaivani	International Journal of Advanced Science and Technology	IOT based Electric vehicle charging station using Arduino Uno	29, 6	2020	SCOPUS
41	K.Mohana chandricka , Dr. K Priyadarshini	Proceedings of the International Conference on Intelligent Computing and Control Systems	Unequal Power Allocation For Uncompressed Video Transmission Using wireless channel	IEEE XPLORE	2019	SCOPUS
42	Dr. R Samson Daniel, S Rajapriya	Progress In Electromagnetics Research	A Low-Profile Split Ring Monopole Antenna Loaded with Hexagonal Split Ring Resonator for RFID Applications	92	2020	SCOPUS
43	G Subhasri , N Radha	Proceedings of the International Conference on Intelligent Computing and Control Systems	VLSI design of Parity check Code with Hamming Code for Error Detection and Correction	IEEE XPLORE	2019	SCOPUS
44	P Vanmathi , A K Thasleem sulthana	Proceedings of the International Conference on Intelligent Computing and Control Systems	Hybrid Optical Amplifier Performance in OAF Using OOK and BPSK Modulations	IEEE XPLORE	2019	SCOPUS



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45	P Vanmathi , A K Thasleem sulthana	Proceedings of the International Conference on Intelligent Computing and Control Systems	Performance Analysis of Hybrid Optical Amplifier in All-Optical Amplify-and-Forward Relaying using OOK Modulation	IEEE XPLORE	2019	SCOPUS
46	S Rajapriya , A K Thasleem sulthana	Fifth International Conferece on Inventive Computation Technologies	A Design of Tri-Band Monopole Antenna with CSRR for Wireless Applications	IEEE XPLORE	2020	SCOPUS
47	N.Radha,R.Dagineeshwari, B.Devadharshini	Fifth International Conferece on Inventive Computation Technologies	A Modified Gate Diffusion Input Technique Based proficient 4 Bit Priority Encoder	IEEE XPLORE	2020	SCOPUS
48	K.Pavithra,Dr.R.Samson Daniel	Fifth International Conferece on Inventive Computation Technologies	Metamaterial Promoted Cpw-Fed Meander Line Antenna for Multiband Operation	IEEE XPLORE	2020	SCOPUS
49	N.Shanmuga Priya,N.Radha	Fifth International Conferece on Inventive Computation Technologies	4x4 Multiplier Implementation using Gate Diffusion Input	IEEE XPLORE	2020	SCOPUS
50	R.Priyadharshini,B.Viswanathan	Fifth International Conferece on Inventive Computation Technologies	Subsampling Fractional N Phase Locked Loop Technique using Amplitude Reference DAC	IEEE XPLORE	2020	SCOPUS
51	A.Abinaya	ICMSMT 2020	A Survey of digital down converter architecture for next generation wireless applications	IOP Conf.Series:Materials Science and Engineering	2020	SCOPUS