Journal Publications (Jan - Dec 2019)

S.No.	Name of the Faculty	Name of the Journal (I/N)	Title of Paper Volume; Issue; ISSN; Pages; etc	Indexing - Scopus / Web of Science / SCI / UGC Listed / Others	Impact factor	Citation count	Month and Year of publication
	Jan-Dec 2019						
1.	Dr.G.A.Sathish kumar Jency Rubia	FIR Filter Design Using Floating Point Radix 4 Algorithm	International Journal of Electrical Engineering Education	Web of Science Group, SCI Index, Scopus, and Google Scholar Annexure - I	0.941	NIL	27th November, 2019
2.	Dr.G.A.Sathish kumar Jency Rubia	FIR Filter Design Using Floating point Column Bypassing Technique	International Journal of Recent Technology and Engineering. Volume-8 Issue-2S4.	Scopus, Cross ref, and Google Scholar.	5.92	NIL	July 2019
3.	Dr.G.A.Sathish kumar Jency Rubia	Design And Analysis Of Low Power Fixed-Width Multiplier Using Reduced Precision Redundancy Block (RPR)	IOSR Journal of VLSI and Signal Processing vol. 9, no. 6,	Cross ref, and Google Scholar	2.82	Nil	December-2019
4.	Revathy Srinivasan and Hyder Ali; Umma Habiba	*IET Communications*	High Performance Antenna for Energy Harvesting in Satellite Health Monitoring System pp. 1-11, Sep. 2019	Annexure-1 Index Needed	0.33	Nil	Sept 2019
5.	C. Abdul Rahman and H. Umma Habiba	*International Journal of Electrical Electronics & Computer Science Engineering,*	Design and Fabrication of Microstrip Planar Antenna with Meander – Line Structure in GSM Band vol. 6, no. 2, pp. 30-33, April 2019	Cosmos Index Copernicus	4.2	Nil	April 2019
6.	Banu priya.A, Umma Habiba.H	*International Journal for Research in Engineering Application & Management (IJREAM*	Full mode SIW Bandpass Filter for C-band Radar Application Using Defected Ground Structure, .5,Iss.1, Pp 112-114, ISSN : 2454-9150, April 2019	Thomson Reuters, UGC Google scholar	5.8	Nil	April 2019
7.	Banu priya.A, Umma Habiba.H	*International Journal for Research in Applied Science & Engineering Technology (IJRASET)*	A Novel High-Performance DMS/DGS SIW Band Pass Filter for X-Band Applications, Vol.7, Iss. 4, Pp 3416-3419, ISSN: 2321-9653, April 2019	Thomson Reuters Google scholar	7.17	Nil	April 2019
8.	Banu priya.A, Umma Habiba.H	*Pramana Research Journal*	A Ku-Band Compact Bandpass Substrate Integrated Waveguide Filter using L-shaped Slots, Vol.9, Iss. 5,Pp 931-937 ISSN NO: 2249-2976, 2019	UGC Google scholar Index Copernicus	6.2	Nil	May 2019
9.	Banu priya.A, Umma Habiba.H	*Journal of analog and digital devices*	Analysis and Design of Substrate Integrated Waveguide Bandpass Filter with DGS for Ku-Band Applications, Vol.4, Iss.2, Pp 19-23, 2019	Google scholar Cite factor Root indexing	Nil	Nil	May 2019

10.	Dr.H.Umma Habiba, Harish kumaran.D, Aswanth.R, Abinash S,R.Sandhya	Novel Compact Bandpass Filter For UWB Application	International Journal of Research and Analytical Reviews (IJRAR), Volume 5, Issue 3, E-ISSN 2348-1269, P- ISSN 2349-5138	Google Scholar	4.236	Nil	Mention Month and Year of publication
11.	K.Bhavya, Dr. G. Padmavathi	Performance Study of Cooperative Spectrum Sensing for Cognitive Radio Networks Using Network Coding	International Journal of Research and Analytical Reviews Vol. 6,Issue. 2 , Pg. 579-583,Impact Factor 4.236	Google Scholar	4.236	Nil	Mention Month and Year of publication
12.	Jayanthi Ganapathy, Dr.P.Jothilakshmi	Prediction of Traffic Volume by Mining Traffic Sequences Using Travel Time based Prefix span	IET Intelligent Transport Systems, 10.1049/iet-its.2018.5165, Print ISSN 1751-956X, Online ISSN 1751-9578, Volume13, Issue7, pp.1199 –1210	SCI Indexed	2.05	Nil	July 2019
13.	B.Kishor Kumar, R.Mohanasundaram and Dr.P.Jothilakshmi	Design of Multilayer Stacked Patch Antenna for C and X band Applications	International Journal of Scientific Research and Review, ISSN No:2279-543X,Vol.8,issue3, pp.1103-1109 (UGC ISSN APPROVED: 64650).	UGC Google Scholar	1.536	Nil	May 2019
14.	Dr.P.Jothilakshmi, R.Mohanasundaram, D.K.Iniyavan and S.Jithin	Design and Fabrication of 5.8 GHz ISM Band Microstrip Patch Antenna Through Aperture Coupled Feeding Technique	International Journal of Emerging Technologies and Innovative ResearchISSN:2349-5162, Vol.6, issue 5,pp.449-455, UGC No. 63975.	UGC, Google Scholar, Cornell University Library	5.87	Nil	May 2019
15.	E.S.Lakshmi and Dr.P.Jothilakshmi	Design of Frequency Reconfigurable Antenna Using a Defective Ground Structure With Pattern Agility for Cognitive Radio Applications	International Journal of Research and Analytical Reviews, Volume 6, Issue 2, pp.352-356 (UGC ISSN APPROVED: 43602).	UGC, Google Scholar	5.75	Nil	June 2019
16.	G.Adhitya, V.Abishek, R.Mohana Sundaram and Dr.P.Jothilakshmi	Design of Microstrip Antenna for X Band Satellite Communications	International Journal of Research and Analytical Reviews, Volume 6, Issue 2, pp.342-344 , UGC Approved-43602	UGC, Google Scholar	5.75	Nil	May 2019
17.	A.Sivabalan and Dr.P.Jothilakshmi	Microstrip Wearable O-Shaped Reconfigurable antenna for Medical Applications	International Journal of Recent Technology and Engineering (IJRTE), Vol.8, issue1, EISSN: 2277-3878,pp.318-324	Scopus Indexed	0.1	Nil	May 2019
18.	P.Jothilakshmi Vaaibhav M. Lodd, V.Shakthi Ashwin,	Transfer of Data from Memory Storage Device to Handheld	International Journal of Scientific Research in Multidisciplinary Studies, Vol.5, Issue.6, pp.17-23, E-ISSN: 2454-9312, P-ISSN: 2454-	Google Scholar,	1.602	Nil	June 2019

	S.K.Nagarjun Senani	Device using L-Shaped Patch Antenna	6143				
19.	R. Gokul, R.Gowtham, N.Arvind Bharathy and Dr.P.Jothilakshmi	Design and Implementation of Pattern Reconfigurable antenna for Microwave application	Cikitusi Journal for Multidisciplinary Research, ISSN NO: 0975-6876, Vol.6, issue4, pp.628-631, UGC No. 40784	UGC, WZB - Berlin Social Science Center	6.1	Nil	April 2019
20.	E.S.Lakshmi, Dr.P.Jothilakshmi	Design of Frequency Reconfigurable Array Antenna for Cognitive Radio Applications	International Journal of Advanced Research in Dynamical and Control Systems (JARDCS), ISSN:1943023X, Vol.11, Special issue.3, pp.1405-1411,USA.	Scopus Indexed	0.11	Nil	June 2019
21.	G.Elaiyaraja, N.Kumaratharan T.Chandra Sekhar Rao	Fast and Efficient Filter using Wavelet Threshold for Removal of Gaussian Noise from MRI/CT scanned medical images/ colour video sequence	IETE Journal of Research, DOI: 10.108003772063.2019.1579679 pg:1-13	Science Citation Index Expanded, Scopus (Elsevier), Web of Science	0.793	Nil	March 2019
22.	Sheriff M; Dr. R, Gayathri.	Attention Deficit Hyperactivity Disorder (Adhd) Detection Methods"	International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277 – 3878, Volume-8, Issue-2S5	Scopus indexed	5.92	NIL	July 2019
23.	Akila G, Gayathri R,	Advances in Scene Classification of Remotely Sensed High Resolution Images and the Existing Datasets',	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-10,			NIL	August 2019
24.	Ms. Jeyaprabha T., Abijth.A, Guruprashanth, Chiranjeev Raja.T	Implementation of Remote Patient Monitoring using Wireless Pulse Oximeter	International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3838, Vol.7, Issue 5S4,	Scopus Indexed	5.92	NIL	
25.	D Menaka Sreeja.Y, Shaleeni.M, Vidhya.T	Analysis of Different Segmentation Algorithms for Chromosomes Images	International Journal of Research and Analytical Review (IJRAR), Volume 5, Issue 3, page 34-39 E-ISSN 2348-1269, P- ISSN 2349-5138	UGC , Google scholar	5.75	Nil	
26.	K Srividhya Dr.Umma Habiba	MIMO Antennas-a review	International Journal of Research and Analytical Reviews, Impact factor: 5.75	Google scholar, UGC	5.75	NIL	April 2019
27.	Ms.R.Kousalya, G.Pavithra	Design and Verification of High Performance VLSI Architecture for Reconfigurable FIR Filter Using Pipelined Distributed Arithmetic	International Journal of Pure and Applied Mathematics Volume : 119 ,PP: 1101-1107 Impact factor: 7.19	Science Citation Index Expanded	7.19	NIL	
28.	L Anju,Arthy.M.S, S.Balaji Arul Selvan	An Efficient Algorithm for Noise Reduction	International Journal of Research and Analytical Review (IJRAR), ISSN 2348-1269,	UGC, Google scholar,	5.75	NIL	Mention Month

		and Speech Enhancement	P- ISSN 2349-5138.Impact factor:				and Year of publication
29.	Mr.M.H.Masood,	Compact bandpass filter with reconfigurable X-band using stepped impedance resonator and folded structure	The journal of Engineering; Vol 2018,Iss.3,pp162-165,doi:10.1049/joe.2017.0796 .Impact factor:0.33	NIL	0.33	NIL	Mention Month and Year of publication
30.	Umesh Ravichandiran, Vignesh Mathivanan, Venkat Vishal,Arul P	Security Issues Related to IOT Devices with Artificial Intelligence	Journal of Emerging Technologies and Innovative Research (JETIR), March 2019, Vol. 6, Issue 3 , pg.82-88.impact factor: 5.87	NIL	5.87	NIL	March 2019

Conference Publications (Jan - Dec 2019)

S.No.	Name of the Faculty	Name of the Conference (I/C) Conducted by/ ISSN No. / Place / Date	Title of the Paper	Citation count	Month and Year ofconference
	Jan-Dec 2019				
1.	Amitesh Sridharan, S.Revathy, Umma Habiba.H	International Conference on New Trends in Engineering and Technology conducted by / Vol. Issue. Etc.	"Energy Harvesting Using 5G Rectenna IOT Application"		Month and Year ofconference
2.	K.Bhavya ,Dr.G.Padmavathi	2nd International Conference on Information, Embedded and Communication Systems – by St. Joseph College of Engineering (I/C)	Performance Study of Cooperative Spectrum Sensing Using Network Coding for Cognitive Radio Networks		Month and Year ofconference
3.	Poomagal Dr.G.A.Sathish kumar Deval Mehta	International Conference On Science Engineering And Supply Chain Management (ICSESCM-19)" 22-23, November-2019, IFERP, Chennai.	Implementation of Two level Key Exchange Mechanism based on Elliptic Curve Cryptography	0	November-2019
4.	Poomagal Dr.G.A.Sathish kumar Deval Mehta	International Virtual Conference on Artificial Intelligence for IoT (AIIOT-2019), 4th December, 2019, Vellore Institute of Technology(VIT), Vellore.	FPGA based Design and Implementation of modified SIDH Key Exchange Algorithm	0	December-2019
5.	Jency Rubia Dr.G.A.Sathish kumar	2nd International Conference on Recent Innovations in Science, Engineering & Technology, 18-19 July, 2019, Hirasugar Institute of Technology, Belagavi, Karnataka	FIR Filter Design Using Floating point Column Bypassing Technique	0	July-2019
6.	R.Kousalya, Dr.G.A.Sathish Kumar	IEEE International Conference on Vision Towards Emerging Trends in Communication and Networking (ViTECoN) conducted by VIT, Vellore (I/C)	A Survey of Light Weight Cryptographic Algorithm for Information Security and Hardware Efficiency in Resource Constrained Devices.		March 2019

7.	B.Sarala, Dr.G.A.Sathish Kumar	IEEE International Conference on Vision Towards Emerging Trends in Communication and Networking (ViTECoN), conducted by VIT, Vellore (I/C)	RNS to Decimal and Sign Detector using Scaling for an RNS 3 Moduli set {2n-1, 2n, 2n+1}		March 2019
8.	N.Kumaratharan, N.Padmapriya and A.Dharani	Proceedings on International Conference on Systems ComputationAutomationand Networking,PondicherryElectronic ISBN: 978-1-7281-1525-2, Publisher IEEE, DOI: 10.1109/ICSCAN.2019.8878703 (I/C)	A Survey on Improved PSO Routing and Clustering inWSN.		March 2019
9.	Umesh Ravichandiran, Vignesh Mathivanan, Venkat Vishal,Arul P	International conference on future communication and IOT, Aditya college of engineering, vol1, 15-16th March 2019 (I/C)	Security Issues Related to IOT Devices with Artificial Intelligence	0	March 2019
10.	T J Jeyaprabha, Gurucharan, Dinesh, Jagadeesh	International conference on Recent Trends in Computing, Communications and Networking Technologies.	Automated Efficient Space Handling Parking System using IoT.	NIL	Oct 2019
11.	Agela.M,Afridha M,Anusmrthi J, T.J.Jeyaprabha	IETE Zonal seminar at Sri SAIRAM Engineering college	Traffic regulation using Raspberry Pi	0	Sept 2019
12.	Babitha lincy & R.Gayathri	International conference on Recent Trends in computing communication and networking technologies,	"Handwritten Recognition for Tamil Language: Overview, Challenges and Future	0	October 2019.
13.	Sherin shibi & R.Gayathri	International conference on Recent Trends in computing communication and networking technologies,	Hyperspectral target detection using Gram-Schmidt Orthogonal Projections"	0	October 2019.
14.	S. Shibi and R. Gayathri,	2019 Fifth International Conference on Science Technology Engineering and Mathematics (ICONSTEM), Chennai, India, , pp. 511-515.doi:10.1109/ICONSTEM.2019.8918790. Publisher IEEE digital library.	Performance Analysis of Hyperspectral Supervised Target Detection Algorithms		2019