MUFFAKHAM JAH COLLEGE OF ENGINEERING &TECHNOLOGY

List of Publications

2022-2023					
S. No	**Name of the Author**	**Title**	**Name of the Journal / Conference**	**Year of Publication**	**ISBN/ISSN no.**
1	Dr. Arifuddin Sohel	1. ProHys PUF: A Proteresis - Hysteresis switch based Physical Unclonable Function	Integration	2023	https://www.scopus.com/authid/detail.uri?origin=resultslist&authorid=55489589700&zone=
2	Dr. Kaleem Fatima	1. Intelligent deep learning-aided future beam and proactive handoff prediction model in Unmanned Aerial Vehicle-assisted anti-jamming Terahertz communication system	International Journal of Communication Systems	2023	https://www.scopus.com/authid/detail.uri?authorId=26430845600
		2. Design of DC-DC Boost Converter Using PFM Switching Technique	Proceedings of 5th International Conference on Devices for Integrated Circuit, DevIC 2023	2023	
		3. A DC-DC Boost Converter using PWM with 65%efficiency	Proceedings of 5th International Conference on Devices for Integrated Circuit, DevIC 2023	2023	
		4. Compound Metric Assisted Trust Aware Routing for Internet of Things through Firefly Algorithm	International Journal of Intelligent Engineering and Systems this link is disabled	2023	
3	Mrs. Afshan Kaleem	1. Machine Learning Science Using Bioinformatics Leads To More Effective Treatments	2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE)	2022	https://www.scopus.com/authid/detail.uri?origin=resultslist&authorId=57831777500&zone=
4	Mrs. Nazeer Unnisa	1. Intelligent deep learning-aided future beam and proactive handoff prediction model in Unmanned Aerial Vehicle-assisted anti-jamming	International Journal of Communication Systems	2023	https://www.springer.com/journal/11277

S. No	Name of the Author	Title	Name of the Journal / Conference	Year of Publication	ISBN/ISSN no.
		Terahertz communication system			
5	M. A . Raheem	1. Machine Learning based Crop Recommendation on a Cloud	International Conference for Convergence of Technology (I2CT)	2023	**DOI:** 10.1109/I2CT57861.2023.10126185

		2021-2022			

S. No	Name of the Author	Title	Name of the Journal / Conference	Year of Publication	ISBN/ISSN no.
1	Dr. Arifuddin Sohel	2. Proretetic device: Modelling and implementation in electronics and optical domain	Semiconductor Science and Technology	2022	https://www.scopus.com/authid/detail.uri?origin=resultslist&authorid=55489589700&zone=
		3. CMOS Implementation of a Proteresis-Hysteresis (ProHys) Switch	Midwest Symposium on Circuits and Systems	2021	https://www.scopus.com/authid/detail.uri?origin=resultslist&authorid=55489589700&zone=
		4. High-speed CMOS ramp generator using proteretic comparator	2021 IEEE Asia Pacific Conference on Circuits and Systems, APCCAS 2021 and 2021 IEEE Conference on Postgraduate Research in Microelectronics and Electronics, PRIMEASIA 2021	2021	https://www.scopus.com/authid/detail.uri?origin=resultslist&authorid=55489589700&zone=
		5. Design of 8-Stage RF-to-DC Converter for Energy Harvesting Applications	Lecture Notes in Networks and Systems	2021	https://www.scopus.com/authid/detail.uri?origin=resultslist&authorid=55489589700&zone=
2	Dr. Kaleem Fatima et al	2. Performance Analysis of CNT Bundle Interconnects in Various Low-k Dielectric Media	ECS Journal of Solid State Science and Technology	2022	https://www.scopus.com/authid/detail.uri?authorId=26430845600
3	Dr. Ayesha Naaz,	1. Machine Learning Science Using Bioinformatics Leads To More Effective Treatments	2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE)	2022	https://www.scopus.com/authid/detail.uri?origin=resultslist&authorId=57831777500&zone=

		2. Detection of Fruit Diseases using Image Processing Techniques: A Review	SSRG International Journal of Electronics and Communication Engineering	2022	ISSN: 2348 – 8549 / https://doi.org/10.14445/23488549/IJECE-V9I4P102
		3. Flexible Rectenna- A Survey	International Journal of Multidisciplinary and Current Educational Research (IJMCER)	2022	ISSN: 2581-7027 2581-7027
		4. Fruit Leaves Disease Detection: A Review	International Journal of Agriculture and Environmental Research	2022	ISSN: 2455-6939
4	Mrs. Sucharitha	1. Image Segmentation techniques and optimization algorithms for Lung cancer	LNEE, Springer	In Press	In Press
		2. Hyper spectral Image Compression & amp; Classification: A Survey	Journal of Remote Sensing & GIS	2022	ISSN (Online): 2230-7990 ISSN(Print): 2321–421X
		3. Hybrid Compression Method for Hyper Spectral Images using 3-Way SVD Tensor Decomposition and Discrete Wavelet Transform	IEEE Digital Explorer https://ieeexplore.ieee.org/document/9719354	2022	DOI: 10.1109/ICISSGT52025.2021.00032
5	Mrs. Afshan Kaleem	2. Machine Learning Science Using Bioinformatics Leads To More Effective Treatments	2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE)	2022	https://www.scopus.com/authid/detail.uri?origin=resultslist&authorId=57831777500&zone=
6	Mrs. G.S.L.B.V. Prasanthi	1. Machine Learning Science Using Bioinformatics Leads To More Effective Treatments	2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE)	2022	https://www.scopus.com/authid/detail.uri?origin=resultslist&authorId=57832432700&zone=
		2. Flexible Rectenna - A Survey	International Journal of Multidisciplinary and Current Educational Research (IJMCER)	2022	ISSN: 2581-7027 2581-7027
7	Mrs. Nazeer Unnisa	1. Adaptive Deep Learning Strategy with Red Deer Algorithm for Sparse Channel Estimation and Hybrid Precoding in Millim0eter Wave Massive MIMO-OFDM systems	Wireless Personal Communications, Springer	2021	https://www.springer.com/journal/11277
		2. Intelligent Allocation Strategy of Mobile Users to Multi-Access Edge Computing Resources	IEEE Explore	2021	DOI: 10.1109/ETI4.051663.2021.9619420 IEEE Xplore
		3. AI based Computation for Hybrid Precoding /	IOP JPCS	2021	https://doi.org/10.1088/17

S. No	Name of the Author	Title	Name of the Journal / Conference	Year of Publication	ISBN/ISSN no.
		Combining in Millimeter - Wave Massive MIMO Systems			42-6596/1817/1/012013
8	Hakeem Aejaz Aslam	1. Hyperspectral Image Classification using Deep Learning Techniques: A Review	International Journal of Electronics & Communication Engineering (IJECE)	2022	Vol-9 & Issue-6 ISSN: 2348-8549
9	Mrs. Shubhangi Saxena	1. Novel Nanoelectronic Materials and Devices: For Future Technology Node	IOP science ECS transactions	2022	https://iopscience.iop.org /article/10.1149/10701.1 5701ecst
10	Dr. Salma Fauzia	1. A survey of routing protocols in Mobile Ad hoc Networks	Stochastic Modeling & Applications, Vol. 26 No. 3 (January - June, Special Issue 2022 Part - 1)	2022	ISSN: 0972-3641 UGC CARE
		2. Pulse Monitoring System Using Light Fidelity (Li-Fi)	Stochastic Modeling & Applications, Vol. 26 No. 3 (January - June, Special Issue 2022 Part - 1)	2022	ISSN: 0972-3641 UGC CARE

2020-2021

S. No	Name of the Author	Title	Name of the Journal / Conference	Year of Publication	ISBN/ISSN no.
1	Dr. Sabir Hussain	1. SIC-TPG for path delay fault detection in BIST Application" Presented a paper in IEEE International Conference "Devices for Integrated Circuits (DevIC 2021)	DevIC 2021	August 2021	
		1. Designing of CRC Polynomials for 5G-NR	2nd International Hazar Scientific Researches Conference at Khazar University, Baku, Azerbaijan	Abstract Book: p.268 (https://www.izdas.org/books)	
2	Mr.Hakeem Aejaz Aslam	1. Brain Tumor Detection From MRI Dataset Using CNN With Python	Journal of Huazhong University of Science and Technology (HST)	JUN 2021	Vol-50 & Issue-6 with ISSN:1671-4512 in.
		2. Artificial intelligence based Smart Parking System using Haar-Cascade Method"	Journal of Huazhong University of Science and Technology (HST)	JUN 2021.	Vol-50 & Issue-6 with ISSN:1671-4512
		3. Hand Gesture Recognition System for Deaf & Dumb"	International Journal of Multidisciplinary and Current Educational Research	JUL-AUG 2020.	Vol-2 & Issue-4 with ISSN:2581-7027 in Page No:82-88
		4. An Efficient Key Data List for Enhancing Symmetric Read-Write Page Access"	TEST Engineering & Management	Feb 2020	Vol-82 with ISSN:0193-4120 in Page No:11276-

					11279
3	Mr. Zakir Hussain	1. Performance Analysis of High Speed and Area Efficient Finite Impulse Response Filters.	A Journal of Physical Sciences, Engineering and Technology	2020	Vol 12 No 01(2020) Published: 2020-06-30 ISSN: 2229-7111(P),2454-5767(E)
4	Dr. M.A. Raheem	1. A Low Voltage NMOS current bleeding down conversion Mixer with source degeneration in 0.18μm CMOS Technology ”	IEEE 4th International conference Devices for Integarted Circuits (DevIC 2021)	Aug 2021 (In press)	IEEExplore 10.1109/DevIC50843.2021.9455921.
		2. AI Algorithm System for Prediction of Diabetes Using Progressive Web Appand IBM Cloud		May 2021	ISSN- 2319-7064
		3. A 1.2V, 0.7mW of Low Noise Amplifier for WSN Band	2020 International Conference on Inventive Computation Technologies	2020	DOI: 10.1109/ICICT48043.2020.9112578
		4. SIC-TPG for path delay fault detection in VLSI circuits using scan insertion method	IEEE 4th International conference Devices for Integarted Circuits (DevIC 2021)	2021	IEEExplore. 10.1109/DevIC50843.2021.9455859
5	Hakeem Aejaz Aslam	1. Brain Tumor Detection From MRI Dataset Using CNN With Python	Journal of Huazhong University of Science and Technology (HST)	2021	Vol-50 & Issue-6 ISSN: 1671-4512
		2. Artificial intelligence based Smart Parking System using Haar-Cascade Method	Journal of Huazhong University of Science and Technology (HST)	2021	Vol-50 & Issue-6 ISSN: 1671-4512
		3. Hand Gesture Recognition System for Deaf & Dumb	International Journal of Multidisciplinary and Current Educational Research (IJMCER)	2020	Vol-2 & Issue-4 ISSN:2581-7027 Page No:82-88
6	Mrs Nazeerunisa	1. Design Of Channel Feed-Back Codebook And Addressing Power Leakage Problem In mm- Wave Massive Mimo System With Lens Antenna Arrays	Journal of Critical Reviews	2020	ISSN- 2394-5125
7	Dr.Salma Fauzia	2. Air Monitoring System using IoT	Journal of Information and Computational Science.	2021	Page No: 71-81 DOI:10.12733.JICS.2021.V11I2.535569.20009
8	Mrs. Kamala Kumari	1. A Novel Approach for Identification of Exon Locations in DNA Sequences using GLC Window	International Journal of Biology and Biomedical Engineering	2021	Volume 15 DOI: 10.46300/91011.2021.15.7
		2. Short Time Fourier Transform based Exon Prediction	Journal of Information and Computational Science	2021	Volume 11 Issue 6 - 2021

		3. Techniques using Combinational Window Functions			

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S. No	Name of the Author	Title	Name of the Journal / Conference	Date of Publication	ISBN/ISSN no.
1	Dr. M. Arifuddin Sohel	1. A 1.2V, 0.7mW of Low Noise Amplifier for WSN Band	2020 International Conference on Inventive Computation Technologies (ICICT)	2020	pp. 864-867, DOI: 10.1109/ICICT48043.2020.9112578.
		2. A 1.8V 204.8micro watt 12-Bit Fourth Order Active Passive Sigma Delta Modulator for Biomedical Applications	IEEE 2019 Devices for Integrated Circuit (DevIC)	2019	pp. 124-127, DOI: 10.1109/DEVIC.2019.8783626. -
		3. IoT based Humanoid Robot	International Journal of Scientific Research and review (IJSRR)	2019	-
2	Dr.Kaleem Fatima	4. Exploring Security and Authentication Issues in Internet of Things	International Conference on ent Computing and Control Systems (ICICCS)	2019	**Electronic ISBN:**978-1-5386-2842-3
3	Dr Ayesha Naaz	1. A Double sided Wideband Rectenna Design for RF Energy harvesting	International Journal of Management And Engineering (IJMTE)	2019	ISSN: 2249-7455
		2. Rectenna Designs for RF Energy harvesting-A Survey	International Journal of Management And Engineering (IJMTE)	2019	ISSN: 2249-7455
4	Mrs Nazeerunisa	1. Sparse Channel Estimation in MM-Wave Hybrid MIMO systems	Test Engineering and Management	2020	ISSN: 0193 - 4120 Page No. 3119 – 3127
		2. Hybrid Precoding/Combining for single-user and Multi-Usersin mm-Wave MIMO systems	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	ISSN: 2278-3075
5	Mrs Sucharitha	1. Medical Image Compression Using Fractal Coding and Daubechies Wavelet Transform	International Conference On Advances In Electronics And Communication Engineering	2019	NA
		2. Hyper Spectral Image Compression Using Fractal	Journal of Emerging Technologies and Innovative	2019	

6		Compression with Arithmetic and Huffman Coding	Research (JETIR)© 2019 JETIR		Volume 6, Issue 6
6	Mr. Hakeem Aejaz Aslam	1. Efficient Key Data List for Enhancing Symmetric Read-Write Page Access	International Conference on Computing, Communication, Electrical and Electronics	2020	
		2. An Efficient Key Data List for Enhancing Symmetric Read-Write Page Access	TEST Engineering & Management	2019	Vol-82 ISSN:0193-4120 Page No:11276-11279
7	Mr. Zakir Hussain	1. Implementation Of High-Speed, Low-Power, And Area-Efficient FIR Filters	Journal Of Engineering Sciences	2019	ISSN:0377-9254
8	Mr. Sabir Hussain	1. Design of Low Power Multiplexer based LFSR	Journal of Information and Computational Science	2019	Volume 9 Issue 10 – 2019- ISSN: 1548-774
9	Mr M.A. Raheem	1. A 1.2V, 0.7mW of Low Noise Amplifier for WSN Band	*2020 International Conference on Inventive Computation Technologies (ICICT),*	2020	pp. 864-867, doi: 10.1109/ICICT48043.2020.9112578.
10	Mrs Kamala Kumari	1. Improved Spectral Charactersitics of Bandpass FIR Filter using a Novel Adjustable Window Function	International Journal of Circuits Systems and Signal Processing	2019	Volume 13,

2018-19

11	Dr.Kaleem Fatima	1. Designing of Digital circuits using Vedic mathematics for Engineering Applications	3rd International Vedic Mathematics Conference at RV College of Engineering Bengaluru(C)	23rd -25th August 2018.	NA
		2. A Novel Approach to The Learning Of Vinculum Numbers In Two's Compliment Method For BCD Arithmetic Operations	Proceedings of the Second International Conference on Computing Methodologies and Communication (ICCMC-2018)[C]	2018	ISBN: 978-1-5386-3452-3978-1-5386-3452 IEEE Xplore
		3. QoS based Routing for Free Space Optical Mobile Ad Hoc Networks	IJVICS International Journal of Vehicle Information and Communication Systems	2019	ISSN online 1741-8208 ISSN print 1471-0242 Inderscience
12	Mrs Afshan Kaleem	1. Automatic speaker verification for feature extraction for cochlea- A survey		July 2018	JARDCS ISSN (143-023X)
13	Mr.M.A. Raheem	1. A 0.5V 30.78μW 78dB DR using 2nd order Sigma-Delta Modulator for Biomedical Application	IEEE ISMS 2018 Malaysia Kuala Lumpur(C)	2018	
		2. Design of Low-Power 2.5 GHz Integer-N Frequency	IJET(J)	2018	ISSN: 2227-524X

		Synthesizer			
		3. Design and Analysis of 2-Stage Op-Amp for LDO Application	IJPAM(J)	2018	
		4. IoT based Oxygen Monitoring System for Health Care Management in Hospitals	JARDCS(J)	2018	
		5. A Two Channel Analog Front End Design AFE Design with Continuous Time ∑-∆ Modulator for ECG Signal	IJECE(J)	NA	ISSN: 2088-8708
14	Ms. G.S.L.B.V. Prasanthi	1. Rectenna Designs For RF Energy Harvesting- A Survey	International Journal of Management, Technology And Engineering(J)	May 2019	Volume IX, Issue V, MAY/2019
15	Mr.Jabar Othman Jabar	1. Design of folded Gilbert Mixer for MICS Band Applications	EECCMC	2018	EECCMC
16	Mr.Ahmedud din Zakir	1. A survey on secure data storage in Industrial internet of things	IJRAR - International Journal of Research and Analytical Reviews (IJRAR)	November 2018	E-ISSN 2348-1269, P-ISSN 2349-5138, Volume.5, Issue 4, Page No pp.465-470,
17	Mr.Sabir Hussain	1. Design of Low Power Multiplexer based LFSR for testing IoT Devices	Journal of Information and Computational Science[J]	2019	ISSN: 1548-7741
		2. An approach to Measure Transition Density of Binary Sequences for X-filling based Test Pattern Generator in Scan based Design	International Journal of Electrical and Computer Engineering[J]	2018	Issue. No 4.,Vol.No 8.,Pg.No 2063-2071
		3. An Efficient SIC X-filling Technique for Multi Fault Modelling,	International Journal of Pure and Applied Mathematics[J]	2018	Issue. No 15.,Vol.No 119.,Pg.No 1543-1548
		4. An Efficient SIC Generator using X Filling Techniques for Low	International Journal of Simulation: Systems, Science & Technology BIST Issue.[J]	2018	No 2.,Vol.No 18., Pg.No 10.1-10.6
18	Mr.Noorullah Khan	1. Design Of Capacitive DAC Based Successive Approximation A/D Converter	International Journal of Current Engineering and Scientific Research (IJCESR),	2018	ISSN (PRINT): 2393-8374 (ONLINE): 2394-0697, Volume-5, Issue-4,
		2. A high speed fully differential dynamic	2nd International Conference[C]	2018	ISBN:978-1-53860806-7
		2017-18			
1		1. Designing of Digital circuits using Vedic mathematics for Engineering Applications	3rd International Vedic Mathematics Conference at RV College of Engineering Bengaluru.	23rd -25th August 2018.	-

	Dr.Kaleem Fatima	2. Hybrid Signed Digit Parallel And Multi Operand BCD Adders	ICIDEST KCG college of Engineering and Technology, Chennai.	17th& 18th April 2018,	-
		3. Efficient Vedic Signed Digit Decimal Adder" Fourth International Conference on Devices, Circuits and Systems	(ICDCS'18) Electronics and Communication Engineering Karunya Institute of Technology and Sciences	16th & 17th Mar 2018	ISBN: 978-1-5386-3476-
		4. A Novel Approach to The Learning Of Vinculum Numbers In Two's Compliment Method For BCD Arithmetic Operations	Proceedings of the Second International Conference on Computing Methodologies and Communication (ICCMC-2018)	2018	ISBN: 978-1-5386-3452-3978-1-5386-3452 IEEE Xplore
		5. A New Approach to Directional Routing in MANETs.	IEEE International Conference on Innovative Technologies in Engineering (ICITE OU)	April 2018	IEEE Explorer
		6. Routing in Optical Mesh Networks-A QoS perspective	IJASUC	April 2018	Vol.9, No.2 DOI:10.5121 AIRCCE publication
		7. Performance Evaluation of AODV Routing Protocol for Free Space Optical Mobile Ad-Hoc Networks.	Intelligent Systems Technologies and Applications Volume 683	October 2017	Print ISBN 978-3-319-68384-3 Online ISBN 978-3-319-68385-0 Springer AISC series
2	Dr. Arifuddin Sohel	1. Design of Discrete Time Notch Filter for Biomedical Applications	DevIC IEEE	2017	Online
3	Dr. Nazia Parveen	1. Performance and comparison of precoding techniques in Massive MU-MIMO Syatems	IEEE XPLORE	2017	PP.22-23, 19-20 May 2017.
4	Dr. Ayesha Naaz	1. Analysis and Reduction of Dilution of Precision Using MUSIC Algorithm	International journal of Innovations and Advancements in Computer Science, (IJIACS) Vol.7, Issue No.3	March 2018	215-222.
		2. One shot blind CFO and channel estimation for multiantenna	International Journal of Electrical Electronics and Communication, (IJEEC)	August 2017	Vol.21, Issue No.19
5	Mrs. Nazeerunnisa	1. Traffic Density Based Signal Duration Modulation	International Journal Of Current Engineering And Scientific Research (IJCESR)	April 2018	Volume-5, ISSUE-4 ISSN: 2393-8374
6	MrsAfshan Kaleem	1. Automatic speaker verification for feature extraction for cochlea- A survey	JARDCS ISSN (143-023X)	July 2018	Yes
7	Mr.Sabir Hussain	1. An approach to Measure Transition Density of Binary Sequences for X-filling based Test Pattern Generator in Scan based Design	International Journal of Electrical and Computer Engineering	2018	Issue. No 4.,Vol.No 8.,Pg.No 2063-2071
		2. An Efficient SIC X-filling Technique for Multi Fault Modelling,	International Journal of Pure and Applied Mathematics	2018	Issue. No 15.,Vol.No 119.,Pg.No 1543-1548

		3. An Efficient SIC Generator using X Filling Techniques for Low Power Scan based	International Journal of Simulation: Systems, Science & Technology BIST Issue.	2018	No 2.,Vol.No 18.,Pg.No 10.1-10.6
		4. A Review of Low Power and Area Efficient FSM based LFSR for Logic BIST	Journal of Electronic Design and Test	2017	NO
8	Mr. Mohd. Zakir Hussain	1. Multiplication Techniques for an Efficient FIR Filter Design for Hearing aid Applications	International Conference on Inventive Systems and Control (ICISC 2018)	January 2018	IEEE Explorer
		2. Impact of Radices for the Design of efficient FFT Processor	International Conference on Inventive Systems and Control (ICISC 2018)	January 2018	IEEE Explorer
		3. Impact of data path unit for an efficient implementation of FFT processor	International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS)	August 2017	IEEE Explorer
		4. High Precision Arithmetic Unit For Biomedical And Radar System Applications	International Conference on Networks & Advances in Computational Technologies (NetACT),	July 2017	IEEE explorer
9	Mr.Noorullah Khan	1. Design Of Capacitive DAC Based Successive Approximation A/D Converter	International Journal of Current Engineering and Scientific Research (IJCESR),	2018	ISSN (PRINT): 2393-8374, (ONLINE): 2394-0697, Volume-5, Issue-4,
		2. A high speed fully differential dynamic comparator for use in pipelined A/D converters	2nd International Conference on Inventive Systems and Control (ICISC), IEEE conference.	2018	ISBN:978-1-53860806-7
10	Mr.M.A. Raheem	1. A 0.5V 30.78μW 78dB DR using 2nd order Sigma-Delta Modulator for Biomedical Application	IEEE ISMS 2018 Malaysia Kuala Lumpur	2018	
		2. Design of Low-Power 2.5 GHz Integer-N Frequency Synthesizer	IJET	2018	ISSN: 2227-524X
		3. Design and Analysis of 2-Stage Op-Amp for LDO Application	IJPAM	2018	
		4. IoT based Oxygen Monitoring System for Health Care Management in Hospitals	JARDCS	2018	
		5. A Two Channel Analog Front End Design AFE Design with Continuous Time ∑-Δ Modulator for ECG Signal	IJECE	2018	ISSN: 2088-8708
		6. Quad Mode of Sixteen-Channel Chopper AFE Design		2017	IJSSST

		and Cascaded With Continuous Time Σ-Δ Modulator for Electroencephalogy Monitory System			ISSN 1473-8031
11	Mr.Jabar Othman	1. A High speed fully differential dynamic comparator for use in pipelined A/D Converter		January 2018	
		2. Design of folded Gilbert Mixer for MICS Band Applications	EECCMC	2018	
		3. Design of Low Noise Amplifier for MBAN Applications	WJTER	December 2017	Volume 1 Issue 1
12	Mrs. Salma Fauzia	1. Routing in Optical Mesh Networks-AQos perspective	IJASUC AIRCCE publication	April 2018	Vol.9, No.2 DOI:10.5121
		2. A New Approach to Directional Routing in MANETs	IEEE International Conference on Innovative Technologies in Engineering (ICITE OU)	April 2018	IEEE Explorer
		3. Performance Evaluation of AODV Routing Protocol for Free Space Optical Mobile Ad-Hoc Networks.	Intelligent Systems Technologies and Applications Springer AISC Series	October 2017	Print ISBN 978-3-319-68384-3 Online 978-3-319-68385-0 ISBN
13	Mrs.Kamala Kumari	1. A Survey On Numerical Representation Of DNA Sequences.	ASIAN JOURNAL FOR CONVERGENCE IN TECHNOLOGY (AJCT), 4(I). https://doi.org/10.33130/asian journals.v4iI.417	April 2018	Yes
14	Mr.Ahmeduddin Zakir	1. A Review on IEEE 1451 Family of Standards and IoT Stack Layers	IJRECE	June 2018	VOL. 6 ISSUE 2 ISSN: 2393-9028 (PRINT)	ISSN: 2348-c2281 (ONLINE)
15	Mrs.Rehana Farheen	1. IoT based smart management system	ICITE IEEE Explore	Feb 2018	No
16	Mrs.RafathUnnisa	1. Efficient integration of zoom ADC with temperature sensors for System on chip applications-A perspective,	ICMEET 2017		pp.315-323.
		2016-17			
1	Mr. Sabir Hussain and Mr.V Malleshwara	1. Design of SIC-BS Linear Feedback Shift Register for Low Power BIST	2nd IEEE International Conference " Devices for Integrated Circuits (Dev IC 2017)	23-24 March, 2017	
		2. A Review of Low Power and Area Efficient FSM based LFSR for Logic BIST	Journal of Electronic Design and Test (JEDT 2017)	2017	

	Rao	3. An Efficient Multiplexer based LFSR for Low Power DFT Architecture	National conference on Advances in communication technologies (NCACT 2017)	24-25 March, 2017	
2	Mrs.AfshaJabeen& Sabir Hussain	4. Design of Low power FSM based LFSR for Logic BIST	International Journal of Innovations in Engineering and Technology (IJIET)	November 2016	2919-1058
3	Mrs.AfshaJabeen& Sabir Hussain	5. Design of Low power FSM based LFSR for Logic BIST	First National Conference on Recent Trends in Engineering and Significance of Open Source Software (Special Issue NCRTEEFOOS 2016)	December 15-17, 2016	ISSN 2919-1058
4	Dr.Mohammed Arifuddin Sohel,Ms. Maliha Naaz and Mr. M Abdul Raheem	1. Design of Discrete Time Notch Filter for Biomedical Applications	2nd IEEE International Conference " Devices for Integrated Circuits (DevIC 2017)	23-24 March, 2017	-
5	Ms. Maliha Naaz, Mohammed Dr.Arifuddin Sohel, Dr. Kaleem Fatima, Mr.M.A. Raheem	1. Design of low power notch filter for biomedical applications	International journal of innovative research in electrical, Electronics , Instrumentation and control engineering (IJIREEICE, VOl 4, Issue 12, December 2016)	December 2016	Pg. No. 75-79
6	Dr. Mohammed ArifuddinSohel, Mr.Mohd. Saif Khan, Dr. Saud Habeeb	1. A 5 bit low power flash ADC	7th National conference on Information Sciences, (NCIS 2017)	March 2017	-
7	Dr. Kaleem Fatima and Ms. Ganti Srilakshmi	1. Implementation of high speed Vedic BCD Multiplier using Vinculum method	IEEE TENCON 2016,Singapore	22-25 Nov, 2016	-
8	Mr. Mohd. Abdul Kareem and Nazia	1. Effective resource allocation for cooperative communication using water filling algorithm in LTE Advanced network	International journal of Innovative Technologies	August 2016	-

9	Parveen				
	Mr. Syed Ather Hassan, Ayesha Naaz	1. Face Recognition using Local Ternary Pattern	International Journal of innovative technologies, Vol.04,Issue.12, Pages:2115-2120.	September-2016	ISSN 2321-8665
10	Mr.Riyaz khan, Ayesha Naaz, Md. Zakir Hussain	1. A Novel Digital Filter Design for Processing Complex Signal and Implementation on Embedded Hardware for Power System Application	National Conference on "Advanced Signal Processing, Embedded & Communication Systems (ASPECS-2016) Hyderabad.	August 11th-12th, 2016,	ISBN: 978-93-82570-83-7
11	Mr. S. K. Ahmeduddin Zakir, Ahmed, Anwar, Faiyaz	1. IoT Approach for Motion Detection and Controlling the Home Appliances without Cloud Server	International Journal of Electrical, Electronics and Communication Engineering volume 2, issue 1	2017	
12	Md. Zakir Hussain	1. Ultra Low Power LFSR for BIST	International Journal of Advanced Technology in Engineering and Science (IJATES) Vol.05, Issue 03	March, 2017	ISSN 2348 - 7550
		2. Performance Efficient FFT Processor Design",	International conference on Global Trends in Signal Processing, Information Computing and Communication (ICSPICC-2016), IEEE.	December 22nd-24th ©2016	-
		3. Area optimized and frequency efficient 1024 point Radix-2 FFT processor on FPGA	", International Conference on Communications, Signal Processing, Computing and Information Technologies (ICCSPCIT-2016)	December 16th-17th,2016	ISBN: 978 93 83038 459
		4. Q-Point Constant Multipliers for FFT Processors	International conference on Signal Processing, Communication, Power and Embedded System (SCOPES-2016), 978-1-5090-4620-1/16/$31.00 ©2016 IEEE.	Oct. 03rd-05th 2016	DOI: 978-1-5090-4620-1/16
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13	Mr. Mohd. Noorullah Khan	1. Differential Gain booster folded cascade OTA with 100 dB gain	IJAREEI, ESS research Publications, VOL 5, Issue 5	May 2016	-
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1	Dr.Kaleem Fatima	1. Area_Delay_Power Efficient Booth Encoded Reversible Multiplier using Compressors	4th International Conference on Innovations in Electronics and Communication Engineering(ICIECE-2015)	August 21st - 22nd 2015	ISSN 2249-9946 Vol 5 Issue 2
		2. Compressor Based 8x8 Bit Vedic Multiplier using Reversible Logic	3rd International Conference on Devices, Circuits and Systems (ICDCS'16	3rd to 5th March 2016	**ISBN:** 978-1-5090-2309-7
2	Dr.Nazia Parveen	1. Subcarrier Analysis and Power Allocation for Cooperative Communication in LTE Advanced Networks		2015	Vol.4 Issue 6, pp. 2978-2983
		2. Reduction of Power Consumption of Users for Cooperative Communications in LTE Advanced Network	Proceedings of National Conference (NCCSS)	2015	PP.144-147, 22-24
3	Dr.Ayesha Naaz	1. Moving Object Detection Based on Background Subtraction & Frame Differencing Technique	International Journal of Advanced Research in Computer and Communication Engineering	May 2016	Vol. 5, Issue 5
4	Dr.Arifuddin Sohel	1. Differential Gain booster folded cascade OTA with 100 dB gain	IJAREEI , ESS research Publications	May 2016	VOL 5,Issue 5
5	Mrs.Nazeerunnisa	1. ANFIS Based Performance Analysis of OFDMA System on Rician Fading Channels	AIRCC publishing corporation	September 2015	Vol.03, Issue.07
6	Dr. Sabir Hussain	1. A SIC Bit Flipping Linear Feedback Shift Register for Low Power BIST	International Journal of Instrumentation electrical electronics engineering (IJIEEE)	June 2015	Volume 3 Issue 3, e-ISSN: 2321-0621 p-ISSN: 2321-063X
7	Mr. Mohd. Zakir	1. Area Efficient SHA-1 Algorithm	International Journal Of Advanced Research In Engineering & Technology (IJARET	June 2016	Vol.3,Issue 2
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8	Mr.Noorullah Khan	1. Design and Implementation Of Dynamic Track and Latch Comparator Using CMOS In 0.18 um Technology	JATCSC ,ESS research Publications	Jan 2016	Vol.5 , No.1,
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9	M.A. Raheem	1. A Fully Differential Gain booster folded cascade OTA with 100 dB gain	IJAREEI ,ESS research Publications	May 2016	VOL 5,Issue 5
		1. A Logarithmic DWA based Discrete Time Multi bit Sigma Delta Modulator	IEEE Conference	2015	
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10	Salma Fauzia	1. Performance Analysis of Routing Protocols based on Simulation Models in MANET's	IJERT	January 2016	ESRSA publication Vol. 5 Issue 01
			2014-15		
1	Dr.Kaleem Fatima	1. Routing in FSO MANETS-QOS and directionality	Eleventh International Conference on Wireless and Optical Communications. KLU, Vijaywada.	September 2014	IEEE Explorer
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		3. Design of Efficient Low-Power Modulo 2^n+1 Adder	NCCSS,MJCET, Hikey media (Conference)	Jan 2015	
		4. Cross talk Analysis in ULSI Circuits	NCCSS,MJCET, Hikey media (Conference)	Jan 2015	
2	Dr.Arifuddin Sohel	1. Design of High gain Low Noise Figure Mixer for IEEE 802.11a Direct Conversion Receiver in .18μm CMOS Technology	NCCSS,MJCET, Hikey media (Conference)	Jan 2015	
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			Hikey media (Conference)	2015	
		3. Design of Low-Power Two-Stage Load-Compensated OTA for Sigma-Delta ADC's in Medical Implants	NCCSS,MJCET, Hikey media (Conference)	Jan 2015	
3	Mr. J.K. Nag	1. Design of AMBA-Advanced High Performance Bus(AHP) Protocol IP block	NCCSS,MJCET, Hikey media (Conference)	Jan 2015	
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		2. Reduction of Power Consumption of Users for Cooperative Communications in LTE Advanced Network	NCCSS,MJCET, Hikey media (Conference)	Jan 2015	
		3. Implementation of OFDM based Multi-Relay Multi-Pair Two-way Communication	WOCN, 11-13 Conference	September 2014	
4	Dr.Ayesha Naaz	1. Extended MUSIC Algorithm for DOA Estimation in Coherent	NCCSS,MJCET, Hikey media (Conference)	Jan 2015	-
5	Mrs.Nazeerunnissa	1. ANFIS Based Performance Analysis of OFDMA System on Rician Fading Channels	AIRCC publishing corporation (Journal)	September 2014	ISSN 2322-0929 Vol.03, Issue.07
6	Mrs. B. Sucharitha	1. Digital watermarking: Image authentication using Modified Canonical Technique.	NCCSS,MJCET, Hikey media (Conference)	Jan 2015	
7	Mr.Sabir Hussain	1. A SIC Bit Flipping Linear Feedback Shift Register for Low Power BIST	International Journal of Instrumentation electrical electronics engineering (IJIEEE)	June 2015	Volume 3 Issue 3, e-ISSN: 2321-0621 p-ISSN: 2321-063X
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		3. Design of Fault Tolerant ALU using Word Voter Triple Modular Redundancy	National Conference on Circuits, Signals and Systems (NCCSS) Hyderabad	Jan2015	ISBN 978-93-82570-47-9.
		4. Impact of the LFSR Seeding on Test Pattern Generator in BIS	Recent and Innovation Trends in Computing and Communication (IJRITCC-).	August 2014	ISSN 2321-8169
		5. A New Multiplexer based LFSR for Low power BIST architecture	3rd International conference on Innovations in electronics and communication engineering (ICIECE)	18-19 July , 2014.	
8	Mr. Mohd. Zakir Hussain	1. Moving object detection based on Background subtraction and frame differencing Technique.	NCCSS,MJCET, Hikey media (Conference)	Jan 2015	

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		2. Design of Low power 2.5 GHz Current starved Voltage Controlled Oscillator	NCCSS,MJCET, Hikey media (Conference)	Jan 2015	
		3. Current Bleeding Mixer with High LO-RF Isolation in 0.18μm CMOS technology	NCCSS,MJCET, Hikey media (Conference)	Jan 2015	
10	Ms. G.S.L.B.V. Prasanthi	1. Modified extended gain Kalman Filter with apllication to bearings,-Only passive Maneuvering Target Tracking	NCCSS,MJCET, Hikey media (Conference)	Jan 2015	
11	Jabar Othman Jabar	1. Design of High gain Low Noise Figure Mixer for IEEE 802.11a Direct Conversion Receiver in .18μm CMOS Technology	NCCSS,MJCET, Hikey media (Conference)	Jan 2015	
12	MalihaNaaz	1. Design of switched Capacitor Based Notch Filter	NCCSS,MJCET, Hikey media (Conference)	Jan 2015	
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13	Dr.Salma Fauzia	3. Routing in FSO MANETS-QOS and directionality	Eleventh International Conference on Wireless and Optical Communications. KLU, Vijaywada.	September 2014	IEEE Explorer
14	Mr. Ahmeduddin Zakir	1. FPGA Implementation of Error Detection and Correction Architecture for Motion Estimation in Video Coding System	International Journal of Scientific Engineering and Technology Research (IJSETR - 2014)	2014	volume 03, issue 31, ISSN: 2319-8885 pages: 6116 – 6120
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		4. Architectural Low Power Implementation of UART using Verilog	International Journal of Engineering Research and Technology (IJERT - 2014)	2014	volume 03, issue 2, ISSN: 2278-0181

		2013-14			
15	Dr. Kaleem Fatima, and Md. Rahmatullah	1. Design of four Layered parallel Multi-point Hardware Router	44th Mid Term Symposium ICT in Space, Defense and Industrial Applic	220-22nd April 2013	
16	Arshia Azam, Mohammad Haseeb Khan	1. Reduced rule fuzzy logic controller for 2. performance improvement of process control	IEEE Conference on Information and communication Technologies ICT 2013, NICHE, Tamil Nadu, India.	2013	
17	Arshia Azam, Mohammad Haseeb Khan	1. Sensorless Control of Induction motor drive during low speed region using IFLC based MRAS speed observer	International J. of Advanced Research in Electrical, Electronics and Instrumentation Engineering	Nov. 2013	
18	VaniG , Afshan Kaleem	1. Secured routing of and improvement QOS using S-DSR	International Journal of Advances in Management ,Technology & Engineerimg Sciences Vol. II, Issue 11 (111),	August 2013	
19	J.K. Nag	1. Design and Implementation of Low Power Area Efficient FIR Digital Filter using Vedic Multiplier	NCACEE2K13		
20	Ayesha Naaz, Rameshwar Rao	1. DOA estimation –A comparative Analysis	IJCCE	March, 2014	
21	Mr. Mohd. Arifuddin Sohel and Ms. Maliha Naaz	1. A Low Power Continuous Time Band Pass Sigma Delta Modulator using linearity enhanced OTA	Prime Asia 2013.	2013	
22	A Raheem, Karthik	1. A Novel Concurrent BIST Architecture for Register based Recording and Windowed Playback"	PRIME ASIA2013	21 -12-2013	

23	Maliha Naaz, and Mohd Arifuddin Sohel	1. Low Power Continuous Time Band Pass Sigma Delta Modulator using linearity enhanced OTA	IEEE Asia Pacific Conference on Postgraduate Research in Microelectronics and Electronics (PrimeAsia)	2013	
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