

PAPER PUBLICATION DETAILS OF DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

SL.NO.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
							Link to website of the Journal		
2020-2021									
1	ANNHPAA BASED NOISE CANCELLATION EMPLOYING ADAPTIVE DIGITAL FILTERS FOR MOBILE APPLICATIONS	A.M. PRASANNA KUMAR, S.M. VIJAYA	ELECTRONICS & COMMUNICATION ENGINEERING	JOURNAL OF THE INSTITUTION OF ENGINEERS (INDIA);SERIES B	2021	ISSN: 2250-2106	https://www.springer.com/journal/40031	https://doi.org/10.1007/s40031-021-00593-7	Scopus Index
2	Low complexity and efficient implementation of wimax interleaver in transmitter	Dr.Anitha S	ELECTRONICS & COMMUNICATION ENGINEERING	ICICCS-2020	2021	ISBN 978-981-15-8443-5	https://link.springer.com/chapter/10.1007/978-981-15-8443-5_37	DOI: 10.1007/978-981-15-8443-5_37	Springer
3	Power Generation using sound by Piezo Electric Material	Dr.Anitha S	ELECTRONICS & COMMUNICATION ENGINEERING	Journal of Physics: Conference Series, Volume 1916, 2021 International Conference on Computing, Communication, Electrical and Biomedical Systems (ICCEBS) 2021 25-26 March 2021, Coimbatore, India	2021	ISSN(Print) - 1742-6588.	https://iopscience.iop.org/article/10.1088/1742-6596/1916/1/012003/meta	https://doi.org/10.1088/1742-6596/1916/1/012003	iopscience
4	Development and Validation of QT Interval Measurement Algorithm using windows/CVI	Dr.Anitha S	ELECTRONICS & COMMUNICATION ENGINEERING	Journal of Physics: Conference Series, Volume 1916, 2021 International Conference on Computing, Communication, Electrical and Biomedical Systems (ICCEBS) 2021 25-26 March 2021, Coimbatore, India	2021	ISSN(Print) - 1742-6588.	https://iopscience.iop.org/article/10.1088/1742-6596/1916/1/012004/meta	https://doi.org/10.1088/1742-6596/1916/1/012004	iopscience
5	Implementation of image enhancement and image segmentation in disease diagnosis (lung cancer)	Dr.Anitha S	ELECTRONICS & COMMUNICATION ENGINEERING	7th International Conference on Advanced Computing & Communication Systems (ICACCS)	2021	INSPEC Accession Number: 20727837	https://www.researchgate.net/publication/352127781_Implementation_of_Image_Enhancement_and_Image_Segmentation_In_Disease_Diagnosis_Lung_Cancer	https://doi.org/10.1088/1742-6596/1916/1/012004	IEEE
6	Review on Campus Mithra: Design of Voice Based Attender Robot	Dr.Anitha S	ELECTRONICS & COMMUNICATION ENGINEERING	ICDAM 2021	2021	978-9811583346	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3884785		
7	Rapid Low Power Voltage Level Shifter Utilizing Regulated Cross Coupled Pull Up Network	Sai Kiran,N.Arun Vignesh,Prajith Prakash Nair,S.Kanithan,K.Sravani,	ELECTRONICS & COMMUNICATION ENGINEERING	2021 International Conference on Computer Communication and Informatics (ICCCI)- IEEE	2021	2329-7190	https://ieeexplore.ieee.org/document/9402273	https://ieeexplore.ieee.org/document/9402273	YES
8	Study and Analysis of BTED Error Correction Codes for Cryptography Applications	Ramesha M,Bharathi Gururaj	ELECTRONICS & COMMUNICATION ENGINEERING	International Journal of Advanced Trends in Computer Science and Engineering	September - October 2020	ISSN 2278-3091	http://www.warse.org/IJATCSE/static/pdf/file/ijatcse293952020.pdf	https://doi.org/10.30534/ijatcse/2020/293952020	Scopus Index
9	Design and development of low power BTED cryptography algorithm on FPGA	Ramesha M,Bharathi Gururaj	ELECTRONICS & COMMUNICATION ENGINEERING	International Journal of Emerging Trends in Engineering Research	2020 Aug	ISSN 2278-3091	http://www.warse.org/IJATCSE/static/pdf/file/ijatcse27942020.pdf	https://doi.org/10.30534/ijatcse/2020/27942020	Scopus Index
	2020					2019-2020			

10	NOISE CANCELLATION EMPLOYING ADAPTIVE DIGITAL FILTERS FOR MOBILE APPLICATIONS	A.M. PRASANNA KUMAR, S.M. VIJAYA	ELECTRONICS & COMMUNICATION ENGINEERING	INDONESIAN JOURNAL OF ELECTRICAL ENGINEERING AND INFORMATICS (IJEEI)	2020	ISSN: 2089-3272	http://section.iaesonline.com/index.php/IJEEI	DOI: 10.52549/ijeei.v8i1.1155	Scopus Index
11	Channel Encoding System for Transmitting Image over Wireless Network	Dr.Bharathi Gururaj, Dr.G.Sadashivappa	ELECTRONICS & COMMUNICATION ENGINEERING	International Journal of Electrical and Computer Engineering (IJECE),	2020	ISSN: 2088-8708,	http://ijece.iaescore.com/index.php/IJECE/index	10.11591/ijece.v10i5.pp4655-4662	Scopus Index
12	Fpga implementation of low power high speed btd algorithm for 8 bit error correction in cryptography system	Ramesha M,Bharathi Gururaj	ELECTRONICS & COMMUNICATION ENGINEERING	International Journal of Emerging Trends in Engineering Research	2020	ISSN 2347 - 398	http://www.warse.org/IJETER/static/pdf/file/ijeter158872020.pdf	doi.org/10.30534/ijeter/2020/158872020	Scopus Index
13	Design and Modeling of a large deflection Micro cantilever using rectangular SCR",	Bhuvanewari,H.B	ELECTRONICS & COMMUNICATION ENGINEERING	AIP Conference Proceedings	44119	*	https://doi.org/10.1063/5.0027942	https://aip.scitation.org/doi/abs/10.1063/5.0027942	AIP
14	Arduino Energy Consumption Sensing System with LabVIEW User Interface	Bhuvanewari,H.B ,Rahul R Rai and Kalyan Ram B	ELECTRONICS & COMMUNICATION ENGINEERING	Test Engineering and Management	May- June 2020.	ISSN: 0193-4120	https://www.scimagojr.com/journalsearch.php?q=12997&tip=sid&clean=0		Discontinued in Scopus as of 2020
2018-2019									
2018									
15	IoT based continuous monitoring of cardiac patients using Raspberry Pi	M. Mathivanan, M. Balamurugan, Harish L., Nandini and Mamisha Reddy	ELECTRONICS & COMMUNICATION ENGINEERING	AIP	2018	978-0-7354-1765-6	https://aip.scitation.org/toc/apc/2039/1	https://doi.org/10.1063/1.5078984	yes
16	AFNCS: AN INTELLIGENT ADAPTIVE FILTER BASED NOISE CANCELLATION SYSTEM FOR MOBILE COMMUNICATIONS	A.M. PRASANNA KUMAR, K. RAMESHA	ELECTRONICS & COMMUNICATION ENGINEERING	JOURNAL OF EMERGING TECHNOLOGIES AND INNOVATIVE RESEARCH	2018	ISSN: 2349-5162	http://www.jetir.org	http://www.jetir.org/papers/JETIR1809130.pdf	UGC Care
17	COMPARATIVE ANALYSIS OF ERROR CORRECTION TECHNIQUES FOR INCREASING RELIABILITY OF EMBEDDED MEMORIES	Indulakshmi V,Prajith Prakash Nair, Anitha A	ELECTRONICS & COMMUNICATION ENGINEERING	IJARECE	2018	2278-909x	http://ijarece.org/?page_id=3573	http://ijarece.org/?page_id=3573	YES
18	A review on Dielectric Properties of Bio-fiber Based Composites	Dr.H.B.Bhuvanewari and Narendra reddy	ELECTRONICS & COMMUNICATION ENGINEERING	Advanced Composites and Hybrid Materials	2018	*	https://www.springer.com/journal/42114	https://www.researchgate.net/publication/327313673_A_review_on_dielectric_properties_of_biofiber-based_composites	SPRINGER
19	Smart Controlling of Appliances in Power line Communication using LabVIEW"	Deepthi P. Kulkarni, Dr. H. B. Bhuvanewari, and Kalyan Ram B,	ELECTRONICS & COMMUNICATION ENGINEERING	Lecturer notes in Electrical Engineering, Advances in Power Systems and Energy Management, <i>Springer LNEE - Book</i>	2018	ISBN: 978-981-10-4394-9	https://sci-hub.se/10.1007/978-981-10-4394-9_56	https://sci-hub.se/10.1007/978-981-10-4394-9_56	Springer Nature Singapore Pte Ltd. 2018
20	IoT based Continuous monitoring of cardiac patients using Raspberry Pi	Dr. Mathivanan M	ELECTRONICS & COMMUNICATION ENGINEERING	AIP Conference Proceedings, ICONSET 2018, ACS College of Engineering, Bengaluru	2018	NA	https://aip.scitation.org/doi/10.1063/1.5078984	https://doi.org/10.1063/1.5078984	Scopus
21	Performance evaluation of white noise for different noisy speech signal in mobile applications	Dr. Mathivanan M	ELECTRONICS & COMMUNICATION ENGINEERING	AIP Conference Proceedings, ICONSET 2018, ACS College of Engineering, Bengaluru	2018	NA	https://www.researchgate.net/publication/329244191_Performance_evaluation_of_white_noise_for_different_noisy_speech_signals_in_mobile_applications	https://dx.doi.org/10.1063/1.5079003	Presented and Received as "Best Paper" Award
2017									
2017-2018									
22	ADAPTIVE ALGORITHMS PERFORMANCE ANALYSIS FOR NOISE CANCELLATIONS USING NEURAL NETWORKS EMPLOYING REAL TIME SIGNALS	A.M. PRASANNA KUMAR, K. RAMESHA	ELECTRONICS & COMMUNICATION ENGINEERING	INTERNATIONAL JOURNAL OF INNOVATIVE SCIENCE, ENGINEERING & TECHNOLOGY	2017	ISSN: 2348 – 7968	http://ijiset.com	http://ijiset.com/vol4/v4s6/IJISSET_V4_106_54.pdf	UGC Care
23	Insights on error resilient image transmission schemes on wireless network	Dr.Bharathi Gururaj, Dr.G.Sadashivappa	ELECTRONICS & COMMUNICATION ENGINEERING	International journal of advanced computer science and applications , Vol 8,No 1	2017	ISSN/2156-5570	https://www.google.com/url?client=internal-element-cse&cx=007729404087668147262:lg9jonvtexs&q=https://thesai.org/Publications/ViewPaper%3FVolume%3D8%26Issue%3D1%26Code%3D1	10.14569/IJACSA.2017.080106	Web of science

						2016-2017			
24	A Study on the Potential of Using Plant Proteins as Electrolytes in a Biochemical Cell	B. Venkatesha,a Vijaykumar Guna,a H.B. Bhuvanewari,b and Narendra Reddy	ELECTRONICS & COMMUNICATION ENGINEERING	Environmental Progress & Sustainable Energy,	2017	*	https://aiche.onlinelibrary.wiley.com/journal/19447450	https://sci-hub.se/10.1002/ep.12753	AICHE
25	Opinion Based Security Using Exponential Smoothing Method in Mobile Ad-Hoc Network	Dr. Muruganandham A	ELECTRONICS & COMMUNICATION ENGINEERING	Journal of Computational and Theoretical Nanoscience, Volume 14, Number 11, November 2017, pp. 5552-5558.	2017	https://ui.adsabs.harvard.edu/#abs/2017JCTN...14.5552S/abstract	https://ui.adsabs.harvard.edu/abs/2017JCTN...14.5552S/abstract	https://ui.adsabs.harvard.edu/link_gateway/2017JCTN...14.5552S/doi:10.1166/jctn.2017.6983	Scopus
26	Modified Wiener Filter Based Speech Restoration with Autocorrelation of Isolated Kannada Word Speech Recognition	Dr. Mathivanan M	ELECTRONICS & COMMUNICATION ENGINEERING	International Journal of Intelligent Engineering and Systems, Vol.11, Issue 2	2017	*	https://scholar.google.co.in/citations?user=QQ7xQDCAAAAJ	DOI: 10.22266/ijies2018.0430.23	Scopus
27	Completely biodegradable banana fibre- wheat gluten composite for Dielectric applications	Dr. H B Bhuvanewari	ELECTRONICS & COMMUNICATION ENGINEERING	Journal of Material science	2017	12383–12390 (2017)	https://link.springer.com/article/10.1007/s10854-017-7058-4	https://doi.org/10.1007/s10854-017-7058-4	Scopus
28	Performance analysis of FBMC transiver architecture over OFDM system	Dr. Ramesha	ELECTRONICS & COMMUNICATION ENGINEERING	FGEC	2017	*	https://www.researchgate.net/publication/322070515_Performance_analysis_of_fbmc_transceiver_architecture_over_OFDM_system	http://dx.doi.org/10.17654/EC017061353	Scopus
29	DESIGN AND DEVELOPMENT OF MICROSTRIP RECTANGULAR PATCH ANTENNA WITH DIFFERENT FEED TECHNIQUES at 4 GHZ	A.M. PRASANNA KUMAR, J.DEEPIKA	ELECTRONICS & COMMUNICATION ENGINEERING	INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN COMPUTER SCIENCE AND SOFTWARE ENGINEERING	2016	ISSN: 2277128	https://www.ijarcsse.com/index.php/ijarcsse	http://ijarcsse.com/before_august_2017/docs/papers/volume_6_4_april2016/v6i4-0429.pdf	UGC Care
30	Dynamically Miticating Flooding Overhead and automatic Repairing for Mobile Ad Hoc Networks	Dr. Mathivanan M	ELECTRONICS & COMMUNICATION ENGINEERING	Asian Journal of Applied Sciences, Vol – 04, Issue -04. PP 857-854	2016	(ISSN: 2321 – 0893)	https://www.researchgate.net/publication/32017807_Dynamically_Miticating_Flooding_Overhead_and_Automatic_Repairing_for_Mobile_Ad_Hoc_Networks	*	International Journal
31	Integrated Cluster-based Rule Induction Mining of Temporal Data for time-series Analysis	Dr. Mathivanan M	ELECTRONICS & COMMUNICATION ENGINEERING	Indian Journal of Science and Technology, Vol 9, Issue 47, pp 18.	2016	ISSN (Print) : 0974-6846	https://www.researchgate.net/publication/312471553_Integrated_Cluster-based_Rule_Induction_Mining_of_Temporal_Data_for_Time-Series_Analysis	http://dx.doi.org/10.17485/ijst/2016/v9i47/94468	International Journal
32	Plant based completely Bio degradable PCB	Dr. H B Bhuvanewari	ELECTRONICS & COMMUNICATION ENGINEERING	IEEE Transsetion on electron devices	2016	Print ISSN: 0018-9383	https://www.researchgate.net/publication/326668986_Plant-Based_Completely_Biodegradable_Printed_Circuit_Boards#:~:text=Completely%20biodegradable%20printed%20circuit%20boards%20%28PCBs%29%20have%20been%20these%20composites%20with%20properties%20suitable%20for%20electronic%20applications.	*	SCI
33	A noven architecture of FBMC trabsmitter using polyface filter and its FPGA implementation	Dr. Ramesha	ELECTRONICS & COMMUNICATION ENGINEERING	Indian Journal of Science and Technology, Vol 9, Issue 47, pp 18.	2016	N	https://indjst.org/articles/a-novel-architecture-of-fbmc-transmitter-using-polyphase-filtering-and-its-fpga-implementation	https://dx.doi.org/10.17485/ijst/2016/v9i48/94148	Scopus
						2015-2016			
34	BIST Enabled UART using Verilog	Prajith Prakash Nair,Priyanka Krishnakumar	ELECTRONICS & COMMUNICATION ENGINEERING	IJSRET	2015	2278-0882	https://www.semanticscholar.org/paper/BIST-ENABLED-UART-USING-VERILOG-Mr.-Nair/b19f251391f3fc6120ddc6d0d4f1392c7ed8be8c#extracted	https://www.semanticscholar.org/paper/BIST-ENABLED-UART-USING-VERILOG-Mr.-Nair/b19f251391f3fc6120ddc6d0d4f1392c7ed8be8c#extracted	YES