



Aditya College of Engineering & Technology

Aditya Nagar, ADB Road, Surampalem - 533437

Department of Electronics and Communication Engineering

R & D and Consultancy Activities

Academic Year 2020-2021

Research Publications (Conference papers/Posters)

Sl. No.	Name of the Faculty as Author	No of Authors	Main Author / others	Title of the Paper	Name of the Conference	Date/s	Organized by with location	ISBN /ISS N Number	URL/ DOI
1.	A B Siddique	6	Main	Up-conversion and Tunable Up-conversion Emission from Nitrogen Functionalized Graphene Quantum Dots	International Conference of Multidisciplinary Aspects of Materials in Engineering	8 -9 October 2021	Panjab University, Chandigarh	1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/1225/1/012025
2.	A B Siddique	2	Main	Excitation dependence and independence of photoluminescence in 0D-Carbon nanostructure: Insights into the mechanism of emission	C-MEMS 2021: Microstructure, Shapes, and Applications in Carbon	13-15 September 2021	Karlsruhe Institute of Technology, Germany	-	-
3.	Dr. D Kishore	6	Other	A Robust watermarking using RDWT and Schur with Firefly optimization	2021 Asian Conference on Innovation in Technology (ASIANCON)	27-29 Aug. 2021	IEEE, Pune	978-1-7281-8402-9	10.1109/ASI ANCON51346.2021.9544852

4.	A Rama Vasantha	4	Other	A Review of Smart Greenhouse Farming by Using Sensor Network Technology	Proceedings of International Conference on Recent Trends in Machine Learning, IoT, Smart Cities and Applications	29–30 March 2020	CMR Institute of Technology, Hyderabad, Telangana, India	2194-5357	doi.org/10.1007/978-981-15-7234-0_79
5.	A Rama Vasantha	5	Other	A Review Paper Based on Image Security Using Watermarking	Proceedings of International Conference on Recent Trends in Machine Learning, IoT, Smart Cities and Applications	29–30 March 2021	CMR Institute of Technology, Hyderabad, Telangana, India	2194-5357	doi.org/10.1007/978-981-15-7234-0_66
6.	A Rama Vasantha	4	Main	A Study on Low-Frequency Signal Processing with Improved Signal-to-Noise Ratio	Proceedings of International Conference on Recent Trends in Machine Learning, IoT, Smart Cities and Applications	29–30 March 2022	CMR Institute of Technology, Hyderabad, Telangana, India	2194-5357	doi.org/10.1007/978-981-15-7234-0_80
7.	Gummarekula Sattibabu	4	Others	A Novel Arduino Based Self Defense Shoe For Women Safety And Security	International Conference on Intelligent Systems & Sustainable Computing (ICISSC-2021)	SEPTEMBER 24-25, 2021	MALLAREDDY UNIVERSITY	-	-
8.	Dr. Vivek Rajpoot	3	Main	A Hybrid CCC design based MAC protocol with PU Protection in Cognitive Radio Network	International Conference On Electrical And Electronics Engineering (ICE3-2020)	14-15 Feb 2020	MMMUT Gorakhpur, UP	978-1-7281-5846-4	https://ieeexplore.ieee.org/document/9122984
9.	P Ramesh Kumar	4	Others	A Study on Low-Frequency Signal Processing with Improved Signal-to-Noise Ratio	Proceedings of International Conference on Recent Trends in Machine Learning, IoT, Smart Cities and Applications	29–30 March 2022	CMR Institute of Technology, Hyderabad, Telangana, India	2194-5357	doi.org/10.1007/978-981-15-7234-0_80

10.	K L V Prasad	3	Others	Textile UWB MIMO Antenna for Wireless Applications	2021 Asian Conference on Innovation in Technology (ASIANCON)	28-29 Aug 2021	Pimpri Chinchwad College of Engineering & Research, Pune	978-1-7281-8402-9	10.1109/ASI/ANCO/N5134.6.2021.9544980
11.	K L V Prasad	3	Others	Highly Isolated Fork-Shaped MIMO Antenna for 5G Application	2022 Asian Conference on Innovation in Technology (ASIANCON)	28-29 Aug 2022	Pimpri Chinchwad College of Engineering & Research, Pune	978-1-7281-8402-9	10.1109/ASI/ANCO/N5134.6.2021.9545004
12.	P. Anantha Sravanthi	3	Main	Evolution in diagnosis and detection of brain tumor - review	Second International conference on Robotics, Intelligent automation and Control Technologies	23-25 September 2021	VIT, Chennai	1742-6596	doi.org/10.1088/1742-6596/2115/1/012039
13.	V. Preethi	4	Others	A Novel Arduino Based Self Defense Shoe For Women Safety And Security	International Conference on Intelligent Systems & Sustainable Computing (ICISSC-2021)	24-25 SEPTEMBER 2021	MALLA REDDY UNIVERSITY	-	-
14.	V. Preethi	4	Main	design and implementation of design of circular microstrip patch antenna for 5g communications	International Conference on Advances in Computer Engineering & Communication Technology	22-23 October, 2021	Aditya College of Engineering & Technology	-	-
15.	J Surendranadh	3	other	AFN: A logical image fusion norm using modified machine learning approach	International Conference on Advances in Computer Engineering & Communication Technology	22-23 October, 2021	Aditya College of Engineering & Technology	-	-
16.	T. Anjaiah	3	other	Study of architecture and performance analysis of approximation multipliers	International Conference on Micro-electronics, electromagnetics and telecommunication	27 th - 28 th Aug 2021	Bhubaneswar Engineering College, Odisha	-	-

17.	Inakoti Ramesh Raja	3	Main	Post processing multipath error alleviation method using dual frequency GPS receiver observables	International Conference on Advances in Computer Engineering & Communication Technology	22-23 October, 2021	Aditya College of Engineering & Technology	-	-
18.	Inakoti Ramesh Raja	3	Main	A survey on wireless body area network implementation in simulators	International Conference on Advances in Computer Engineering & Communication Technology	22-23 October, 2021	Aditya College of Engineering & Technology	-	-
19.	Inakoti Ramesh Raja	3	Main	Smartcane: Hazards Detection and alerting visually impaired with emergency communication system to unite custodian	International Conference on Advances in Computer Engineering & Communication Technology	22-23 October, 2021	Aditya College of Engineering & Technology	-	-

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

STUDENT CONFERENCE PUBLICATIONS

2020-21

S.no	Name of Authors	Name of Faculty Author	Title of Paper	Title of Proceedings/Journal	Details of Proceedings/Journal	Year of Publication	DOI	Name of Conference	Date of Conference	Venue of Conference
1	Pilla Devi Bhavani	V Preethi	Review on Silent Speech Recognition Using EMG Sensors and Voices After Laryngectomy	Electronic Systems and Intelligent Computing, Lecture Notes in Electrical Engineering 686	Springer pp. 231-240	2020	https://doi.org/10.1007/978-981-15-7031-5_22	International Conference on Electronic Systems and Intelligent Computing (ESIC-2020)	Mar 2, 2020 - Mar 4, 2020	NIT Arunachal Pradesh
2	DVS Phanindra	A Arun Kumar Gudivada	Analysis of reversible square using QCA	Advances in Smart Grid and Renewable Energy, Lecture Notes in Electrical Engineering 691	Springer pp. 267-277	2020	10.1007/978-981-15-7511-2_24	2nd International Conference on Emerging Trends and Advances in Electrical Engineering and Renewable Energy (ETAERE-2020)	5th-6th March 2020	Kalinga Institute of Industrial Technology (KIIT) Deemed to be University, Bhubaneswar
3	K. Vineela Bhanu	A Arun Kumar Gudivada	Analysis of various multipliers in quantum cellular automata	Advances in Smart Grid and Renewable Energy, Lecture Notes in Electrical Engineering 691	Springer pp. 279-288	2020	https://doi.org/10.1007/978-981-15-7511-2_25	2nd International Conference on Emerging Trends and Advances in Electrical Engineering and Renewable Energy (ETAERE-2020)	5th-6th March 2020	Kalinga Institute of Industrial Technology (KIIT) Deemed to be University, Bhubaneswar
4	Ch VSRDRK Abhilash	V Preethi	Investigation of circularly polarised antenna for microwave frequencies in Biomedical, RFID, Satellite Applications"	Advances in Smart Grid and Renewable Energy, Lecture Notes in Electrical Engineering 691	Springer pp. 289-296	2020	https://doi.org/10.1007/978-981-15-7511-2_26	2nd International Conference on Emerging Trends and Advances in Electrical Engineering and Renewable Energy (ETAERE-2020)	5th-6th March 2020	Kalinga Institute of Industrial Technology (KIIT) Deemed to be University, Bhubaneswar