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Journal Publication

JANUARY -DECEMBER 2022

Sl.No.	Title of the Paper
1.	A. Amsaveni ,K. Anusha, (2022),Hexagonal Slotted Frequency Reconfigurable Antenna for Wireless Applications, 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 2021, pp. 1-4, doi: 10.1109/ICAECA52838.2021.9675490.
2.	K. Anusha, K. Karthika, (2022,)A Novel Compact Antenna with Band Notching Characteristics for UWB Applications, 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 2021, pp. 1-6, doi: 10.1109/ICAECA52838.2021.9675736.
3.	K. Karthika,K. Anusha, (2022) ,A Novel Compact Slotted Pentagon Shaped Patch Antenna For Ultra-Wideband Applications, 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 2021, pp. 1-6, doi: 10.1109/ICAECA52838.2021.9675702.
4.	K. Anusha, K. Karthika, D. Mohanageetha, A. Monika, S. V. N. Saran Kumar , B. Lavanya, (2022),Gain Enhancement of Circular Patch Antenna using SRR Array,2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 2021, pp. 1-5, doi: 10.1109/ICAECA52838.2021.9675499.
5.	K. Karthika, K. Deepika, K. Anusha, D. R. Nirmal Kumar, P. S. Gokul Balaji, (2022,)Design of an Epsilon Shaped Multiband Frequency Reconfigurable Antenna for Wireless Applications, 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 2021, pp. 1-5, doi: 10.1109/ICAECA52838.2021.9675706.
6.	C. U. Bharathi, G. Ragavi , K. Karthika, (2022) ,Signtalk: Sign Language to Text and Speech Conversion, 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 2021, pp. 1-4, doi: 10.1109/ICAECA52838.2021.9675751.
7.	B. Gopinath, S. Arun Kumar, S. Sasikala, (2022), A Physician Assisting COVID-19 Diagnosis System to Categorize Positive Cases using Radiology Images, 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 2021, pp. 1-5, doi:

	10.1109/ICAECA52838.2021.9675653.
8.	B. Gopinath, S. Boopathy, M. Alagumeenaakshi, (2022), Development of an IoT based Integrated Sensor Fusion System to Analyze the Air Pollution Level, 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 2021, pp. 1-5, doi: 10.1109/ICAECA52838.2021.9675532.
9.	R. DhivyaPraba., R. Vennila., G. Rohini., S. Mithila. and K. Kavitha, Foliar Disease Classification in Apple Trees, 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 2021, pp. 1-5, doi: 10.1109/ICAECA52838.2021.9675529.
10.	D. P. Ramasamy and S. A. Pasupathy, Impact of Curriculum Change on Outcomes, 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 2021, pp. 1-4, doi: 10.1109/ICAECA52838.2021.9675496.
11.	D. Allin Joe, R. Karthi Kumar and S. Umamaheswari, A Defected Ground Structure (DGS) Antenna for WiMAX Applications,2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 2021, pp. 1-5, doi: 10.1109/ICAECA52838.2021.9675791.
12.	D. Allin Joe, "A Triple Band Antenna for TETRA, GPS and WiMaX Applications," 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 2021, pp. 1-5, doi: 10.1109/ICAECA52838.2021.9675494.
13.	T. Jaspar Vinitha Sundari, J. G. Aswathy and S. Jayakamali, "Accident Detection and Severity Analysis using Deep Learning," 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 2021, pp. 1-5, doi: 10.1109/ICAECA52838.2021.9675657.
14.	V. Deepika, A. Kalaiselvi and G. Dhivyaarthi, Monitoring of Hydroponics Plant and Prediction of Leaf Disease using IOT, 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 2021, pp. 1-5, doi: 10.1109/ICAECA52838.2021.9675651.
15.	K. Harikumar, A. Kalaiselvi, S. Visweswaran and S. Rinaldi, Sailor Integral System using Elastic Cloud Compute Module, 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 2021, pp. 1-6, doi: 10.1109/ICAECA52838.2021.9675750.
16.	S. Umamaheswari; S. Arun Kumar; S. Sasikala, Towards Building Robust Intrusion Detection System in Wireless Sensor Networks using Machine Learning and Feature Selection, 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 18 January 2022.
17.	S Umamaheswari; M V Rahul Babu; D Dharun Prasanth; H Nandha Bharathi; M

	Alagumeenaakshi,Smart Medical Dispenser With Pulse Meter 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 18 January 2022.
18.	S. Umamaheswari; K.Hari Priya; D. Allinjoe, Towards Building Robust Song and Location Detection System Using LBP Features 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 18 January 2022.
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20.	S. Umamaheshwari; K. Harikumar; D. Allinjoe, Customer Relationship Management using Sentimental Analysis, 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 18 January 2022.
21.	S. N. Shivappriya and K. Maheswari, Intelligent Eyeball Movement Controlled Wheelchair, 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 2021, pp. 1-6, doi: 10.1109/ICAECA52838.2021.9675625.
22.	S. N. Shivappriya, H. Rajaguru, M. Ramya, U. Asiyabegum and D. Prasanth, "Disease Prediction based on Retinal Images," 2021 Smart Technologies, Communication and Robotics (STCR), 2021, pp. 1-6, doi: 10.1109/STCR51658.2021.9588829.
23.	S. S. Srinidhi and S. N. Shivappriya, "Data Analytics – Cab Optimum Deployment," 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 2021, pp. 1-5, doi: 10.1109/ICAECA52838.2021.9675536.
24.	K. Aditya Sobika, M. Jamuna, H. Limitha, M. Saroja and S. Shivappriya, "An Empirical Study on Loan Prediction Using Logistic Regression and Decision Tree," 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 2021, pp. 1-4, doi: 10.1109/ICAECA52838.2021.9675505.
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26.	K. Haripriya, A. S. Harini, M. Naveena, K. Anusha and D. Mohanageetha, "Dual Slot Multiband Microstrip Patch Antenna for Wireless Applications," 2022 8th International Conference on Advanced Computing and Communication Systems (ICACCS), 2022, pp. 1597-1601, doi: 10.1109/ICACCS54159.2022.9785337.

27.	K. Anusha, D. Mohanageetha, K. H. Priya, A. S. Harini and M. Naveena, "Performance Analysis of CSRR and SRR Structure Incorporated Multiband Slotted Antenna," 2022 3rd International Conference on Electronics and Sustainable Communication Systems (ICESC), Coimbatore, India, 2022, pp. 278-283, doi: 10.1109/ICESC54411.2022.9885708.
28.	Diabetic Retinopathy Detection Using Machine learning,Journal of Innovative Image Processing (ISSN: 2582-4252), Volume 4, Issue 1, Pages 26-33 26 DOI: https://doi.org/10.36548/jiip.2022.1.003
29.	K. Karthika, K. Kavitha, A. Aparna, A. D. Mary and N. Rithanya, "Design of Compact Frequency Reconfigurable Antenna for Sub-6 GHz 5G Application," 2022 8th International Conference on Advanced Computing and Communication Systems (ICACCS), Coimbatore, India, 2022, pp. 793-798, doi: 10.1109/ICACCS54159.2022.9785094.
30.	K. Karthika, K. Kavitha, S. Darsani, B. Preethi and P. S. Pavithra, "Frequency Reconfigurable Antenna and its Switching Techniques for Wireless Communication Systems: A Study," 2022 8th International Conference on Advanced Computing and Communication Systems (ICACCS), Coimbatore, India, 2022, pp. 907-911, doi: 10.1109/ICACCS54159.2022.9785213.
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33.	Kumar, S. Arun, B. Gopinath, A. Kavinraj, and S. Sasikala. "Towards Improving Patient Health Monitoring System using Machine Learning and Internet of Things." In 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), pp. 1-5. IEEE, 2021.
34.	Kumar, S. Anush, T. Amudhavan, S. Arun Kumar, and S. Sasikala. "Improving Effectiveness of STEM Education in Covid-19 Pandemic–A Pilot Study." In 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), pp. 1-6. IEEE, 2021.
35.	Kumar, S. Arun, and S. Sasikala. "Disease Detection in Tomato Leaves using Machine Learning and Statistical Feature Fusion." In 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), pp. 1-6. IEEE, 2021.

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43.	Smart Medical Dispenser With Pulse Meter/International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA)/ 10.1109/ICAECA52838.2021.9675762
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49.	Thilagavathi, K., Kavitha, K., Dharani, S., Pavithra, R., &Subasri, N. (2021, October). Classification of Remotely Sensed Images using Supervised Methods. In 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA) (pp. 1-5). IEEE.