

Adi Shankara Institute of Engineering and Technology, Kalady
Department of Electronics and Communication Engineering

Research Publications

Academic Year: 2021-2022

Scopus Indexed Publications			
SI No	Author's Name	Paper title	Journal/Conference Proceedings/Book Chapter
1	Arya Paul, Divya V Chandran, Remya Ramesh	A Novel IoT based solution for respiratory flow diagnosis	Internet of Things and Its Applications EAI/Springer Innovations in Communication and Computing book series (EAISICC)
2	Albins Paul	Optimal Design of Dual band Microstrip Patch Antenna Array based on Greatest Common Divisor and Particle Swarm Optimization	2nd International Conference on Advances in Computing, Communication, Embedded & Secure Systems ACCESS 21
3	Sumayyabeevi V A, Jaimy James Poovely, Aswathy N and Chinnu S	A New Hardware Architecture for FPGA implementation of feed forward neural network	2nd International Conference on Advances in Computing, Communication, Embedded & Secure Systems ACCESS 21
4	Pranav K N, N Jithin, Nikhil George, R Ananthakrishna and Anju George	Predicting COVID-19 and other lung related diseases like Pneumonia and Tuberculosis using Deep Learning	2nd International Conference on Advances in Computing, Communication, Embedded & Secure Systems ACCESS 21
5	Hitha P S, Dr.Ragesh G K	Comparison of image Compression analysis using	2nd International Conference on Advances in Computing,

		Deep Autoencoder and Deep CNN approach	Communication, Embedded & Secure Systems ACCESS 21
6	Dr. Suraj Damodaran	Design and Implementation of Desired Interaction yielding Fractional-Order Controller with application to Wheeled Mobile Robot	2nd International Conference on Advances in Computing, Communication, Embedded & Secure Systems ACCESS 21
7	Dr. Gopakumar V T, Prasanth P Menon, Remya Ramesh, Neetha K	Proposal for all Optical Memory Unit and Phase Key Recovery using Fabry-Perot Narrowband Filters	2nd International Conference on Advances in Computing, Communication, Embedded & Secure Systems ACCESS 21
8	Dr. Ajay Kumar, Dr.Ragesh G K	Early Detection of Lung Cancer through Breath Analysis using AdaBoost ensemble learning method	2nd International Conference on Advances in Computing, Communication, Embedded & Secure Systems ACCESS 21
9	Dr. Ajay Kumar, Dr.Ragesh G K	Non-invasive diagnosis of COPD with e-nose using XGBoost Algorithm	2nd International Conference on Advances in Computing, Communication, Embedded & Secure Systems ACCESS 21
10	Prajeesh P A, Archana Aniyar	Design of automated stethoscope using AI,IoT and signal processing	4th International Conference on microelectronics signals and system.
11	Suman menon, Anju George, Aswathy N	Implementation of a multitudinous face recognition using YOLO V3	4th International conference on Micro electronics, Signal and Systems (ICMSS)