

SRM VALLIAMMAI ENGINEERING COLLEGE
(An Autonomous Institution)
SRM Nagar, Kattankulathur – 603 203.
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
National and International Journals (July 2021 - June 2022)

S.No	Author	Title of the paper	Volume No. Page No.	Name of the Journal	Month & Year	Indexing
1.	Dr. Murugan M	Sybil Sort Algorithm – a friend request decision tracking recommender system in online social networks	vol. 52 issue 4,pp. 3995 4014	Journal of Applied Intelligence	July 2021	SCIE Indexed
2.	Dr. Murugan M	Guardian device for women - a survey and comparison study	2115, 012030 , doi:10.1088/1742-6596/2115/1/012030	Journal of Physics: Conference Series	Aug. 2021	Scopus
3.	Dr. Murugan M	Photonic crystal based biosensors: an overview	11, 147–167. doi.org/10.1007/s41683-022-00092-x	Journal of Micro and Smart Systems	Jan. 2022	SCI Indexed
4.	Dr. Murugan M	The Improved Depression Recovery Motivation Recommendation System (DRMRS) in Online Social Networks	3(2), 166, doi.org/10.1007/s42979-022-01047-7	SN Computer Science	Feb. 2022	Web of Science
5.	Dr. Murugan M	Contactless entry system for Covid – 19 Prevention using Hybrid Architecture	Vol 12, Issue 02, pp:2827-2837	International Journal of Aquatic Science	2021	
6.	Dr. Murugan M	Preprocessing of ECG Signals for Cardiovascular diseases	Vol 12, Issue 02,pp:2809- 2817	International Journal of Aquatic Science	2021	

7.	Dr. Komala James	Smart Infant Cradle in Clinical Perspective using H-IoT with Android Application	Vol 2 Issue 3,pp:41-46	International Journal of Advanced Research in Science, Communication and Technology	May 2022	
8.	Dr. Komala James	Designing IoT Enabled System for Monitoring Vehicles	Vol 2 Issue 3,pp: 20-25	International Journal of Advanced Research in Science, Communication and Technology	May 2022	
9.	Dr. S. Ramesh	Conformal Antenna for 5G Wireless Communication Applications	Vol. 9 No. 1	i-manager's Journal on Wireless Communication Networks	August 2021	
10.	Dr. S. Ramesh	Compact Printed Planar Eye Shaped Dipole Antenna for Ultra-Wideband Wireless Applications	Vol. 25, No 5, Page 761-766	Journal of Applied Science and Engineering,	Nov.2021	Scopus Indexed
11.	Dr.S. Ramesh,	Joint CFO and channel estimation using pilot aided interpolation for high performance MIMO-OFDM	DOI: 10.1080/00207217.2022.2087918,	Taylor & Francis- Intl. Journal of Electronics	June 2022.	SCI, ISSN No.: 1362-3060, IF:: 1.336
12.	Mr.C.Saravanakumar &Dr. Usha Bhanu.N	A mutated addition–subtraction unit to reduce the complexity of FFT	doi.org/10.1007/s13204-021-02278-5	Applied Nanoscience	Feb.2022	SCI
13.	Dr. Usha Bhanu.N	Service Level Agreement Based Secured Data Analytics Framework for Healthcare Systems	Vol.32, No.2 DOI:10.32604/iasc.2022.021920	Intelligent Automation & Soft Computing,	Jan 2022	Scopus
14.	Dr. Usha Bhanu.N	Fog Managed Data Model for IoT based Health Care Systems	Vol.23. No.2, pp: 217-225	Journal of Internet Technology	March 2022	Scopus
15.	Mr. C.Saravanakumar & USha Bhanu N	Speed Efficient Fast Fourier Transform for Signal Processing of Nucleotides to Detect Diabetic Retinopathy	Vol. 12, No 1, pp:27-34	Journal of Medical Imaging and Health Informatics	January 2022	Scopus

		using Machine Learning				
16.	Dr. G. Udhayakumar	Smart door with biometric face recognition and thermal screening	Vol.2, issue:2, pp:230-235,	International Journal of Advanced Research in Science, Communication and Technology	May 2022	
17.	Dr. G. Udhayakumar	Embedded sign language Interpreter system for Deaf and Dumb people using Flex sensor	Vol.10, issue:4, pp:404-409,	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	April 2022	
18.	Dr. G. Udhayakumar	Drivers drowsiness detection by analyzing yawning and eye closure	Vol. 9 No 5, pp:3101-3104	International Research journal of Engineering and Technology	May 2022	
19.	Dr. V. Suresh Kumar	N-bit Digital Comparator Architectures for digital signal processing applications: A Review	Vol. 54, no. 2, pp. 20-28	Journal of Harbin Institute of Technology	Feb.2022	Scopus
20.	Dr. C. Amali	Energy Efficient Design of EHF-5G Antennas with Enhanced Bandwidth for Navigation Satellite Applications	pp:537-551. https://doi.org/10.17993/3ctecno.2021 .	3C Tecnología (Thomson Reuters)	Nov.2021,	Web of science
21.	Dr. C. Amali	Design Of Substrate Integrated Waveguide Bandpass Filter For 5G Applications	Vol. 27, No 3, pp:31–43, 2021.	Journal of the Balkan Tribological Association	Nov.2021,	Scopus
22.	Dr. S.R. Preethi	Fuzzy Based Reliable Load Balanced Routing Approach for Ad hoc Sensor Networks	41(3), pp: 861-874	Computer Systems Science & Engineering, Tech Science Press	November 2021.	SCI
23.	Dr. S.R. Preethi	A Review on the Detection of Skull by Forensic Analysis	15(4), pp:1492-1500	Indian Journal of Forensic Medicine & Toxicology	December 2021.	Scopus

24.	Mr. S.Sevagan	A Filterless Generation of Optical Millimeter Wave Signal Based on Frequency 16-Tupling Using Cascaded Polarization Modulators	Vol 2, Issue 1, pp 114-118	IETE Journal of Research	March 2022	SCI
25.	Mrs.C.Kavitha	A Bidirectional RoF System for the Multi-Band Signal with Mitigation of the Nonlinear Effects	DoI:10.1080/03772063.2022.2038706.	IETE Journal of Research	Feb 2022	SCI
26.	Dr. N.Subhashini	Home Automation Using Multinode Cooperative Network	Vol 2, Issue 3, pp 187-191	International Journal of Advanced Research in Science, Communication and Technology	May 2022	
27.	Dr. N.Subhashini	Energizing Low Power Devices by Harvesting Energy from Ubiquitous Electromagnetic Wave Resources	Vol 2, Issue 1, pp 114-118	International Journal of Advanced Research in Science, Communication and Technology	May 2022	
28.	Dr. V. Suresh Kumar	IoT Based Real Time Monitoring of Covid Infected Remote Patients	Vol 8, Issue 5,PP:236-241	International Journal for Science and Advance Research in Technology	May 2022	
29.	Dr. V. Suresh Kumar	Low Cost Performance Testing Of Face Mask Against Respiratory Diseases	Vol 10, Issue 5,pp:c14-c19	International Journal Of Creative Research Thoughts	May 2022	
30.	Dr. V. Suresh Kumar	Obstacle avoidance Robot	Vol 8, Issue 3,pp:2098-2102	International Journal of Advance Research and Innovative Ideas in Education	May 2022	
31.	Dr.C.Amali	Vehicle to Vehicle Communication using LiFi Technology	Vol 2, Issue 3,pp:196-199	International Journal of Advanced Research in Science, Communication and Technology	May 2022	
32.	Dr.C.Amali	Smart Initiative For An Eco - Friendly Waste Management	8(4), pp:209-213,	International Journal of Scientific Engineering and	April 2022	

		System		Applied Science		
33.	Mr.S.Senthilmurugan	A Multibit Storage Element for Power Minimization In Sequential Logic System	Vol 2, Issue 3, pp: 861-866	International Journal of Advanced Research in Science, Communication, Technology	May 2022	
34.	Mr.S.Senthilmurugan	Home Automation based on FPGA through a Wireless Server	Vol 10, Issue 5,pp:34-40	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	May 2022	
35.	Mr.S.Senthilmurugan	Implementation Of Home Automation Using Chatbot	Vol. 10, Issue 4,pp:574-578	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	April 2022	
36.	Dr. S. R. Preethi	A low power voice assistant	Vol15, issue 5, pp:108-114	JAC: A Journal of Composition Theory	May 2022	UGC Care
37.	Mr. S. Mari Rajan	Vehicle Monitoring and Ignition Control System using IoT	Vol:04, Issue:05, pp:822-825	International Research Journal of Modernization in Engineering Technology and Science	May 2022	
38.	Mr. R. Dhananjeyan	Design and development of MIMO antenna for wireless communications	Vol.2, issue 3, pp100-105	International Journal of Advanced Research in Science, Communication and Technology	May 2022	
39.	Mr. R. Dhananjeyan	Design of compact MIMO antenna for 5G Applications	Vol.2, issue 6, pp 306-311	International Journal of Advanced Research in Science, Communication and Technology	May 2022	
40.	Mr V Prasanan	Multiband Frequency Reconfigurable Antenna For 5G Applications	Vol 2, Issue 3,pp:834-838	International Journal of Advanced Research in Science, Communication and Technology	May 2022	

41.	Mr V Prasanan	Frequency Reconfigurable Antenna For Vehicular Application	Vol 10, Issue 5,pp:145-150	International Journal of Innovative research in Electronics, Instrumentation and Control Engineering	May 2022	
42.	Mr V Prasanan Mrs.S.Abirami	Multiband Dielectric Resonator Antenna For Wireless Home Enviroinment	Vol 10, Issue 5,pp:125-128	International Journal of Innovative research in Electronics, Instrumentation and Control Engineering	May 2022	
43.	Mr Pandian A	Retinal Recognition Security System using Various Techniques	Vol 4 Issue 1,pp:1-9	Journal of Sensor Research and Technologies	May 2022	
44.	Mrs.S.Abirami	A Lightweight Payment Verification Using Blockchain Algorithm On IoT Devices	Vol: 09 Issue: 05 pp:1441-1444	International Research Journal of Engineering and Technology	May 2022	
45.	Mrs.K.Arthi	Implementation of Smart Election System Using IoT	Vol 2 Issue 3,pp:211-218	International Journal of Advanced Research in Science, Communication and Technology	May 2022	
46.	Mrs.K.Sobana	Ultra Wide Band MIMO Antenna for Vehicular Communication	Vol 2, Issue 2, pp:58-62	International Journal of Advanced Research in Science, Communication and Technology	May 2022	
47.	Mr.A. Anbarasan	Accident alert system using GPS and GSM	Vol 10, Issue 5, pp:C594-C598	International Journal of Creative Research Thoughts	May 2022	