

SRM VALLIAMMAI ENGINEERING COLLEGE

(An Autonomous Institution)

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

National and International Journals (July 2020-June 21)

S.No	Author	Title of the paper	Volume No. Page No.	Name of the Journal	Month & Year
1.	Dr.M. Murugan	Enhanced security in cloud applications using emerging blockchain security algorithm	https://doi.org/10.1007/s12652-020-02339-7	Journal of Ambient Intelligence and Humanized Computing, Springer	July 2020, SCI Indexed
2.	Dr.M. Murugan	A Novel Image Compression Model by Adaptive Vector Quantization: Modified Rider Optimization Algorithm	45:232 https://doi.org/10.1007/s12046-020-01436-9	Indian Academy of Science,Sadhana	May 2020, SCI Indexed
3.	Dr.M. Murugan	Design and Analysis of Waveguide Taper for Photonic Crystal Demultiplexer	https://doi.org/10.1007/s12633-020-00678-w	<i>Silicon</i> , Springer	September 2020 SCI Expanded
4.	Dr.M. Murugan	Natural Disaster Resilience Approach (NDRA) to Online Social Networks	DOI 10.1007/s12652-020-02644-1	J Ambient Intell Human Comput	Nov. 2020, SCI
5.	Dr.M. Murugan	A Novel Hybrid Channel DWDM Demultiplexer Using Two Dimensional Photonic Crystals Meeting ITU Standards	https://doi.org/10.1007/s12633-020-00902-7	<i>Silicon</i> , Springer	Dec. 2020 SCOPUS
6.	Dr.M. Murugan	Rounded square ring resonator based add drop filter for WDM applications using two dimensional photonic Crystals	53:273, https://doi.org/10.1007/s11082-021-02924-w	<i>Optical and Quantum Electronics</i>	April 2021 SCI
7.	Dr. Komala James	Stewarding and Bridling the Warehouse Atmosphere for the Fruit Quality Maintenance Using IoT	Vol 9, Issue 4, pp. 186 -191	International Journal of All Research Education and Scientific Methods	April 2021
8.	Dr. Komala James	Virtual Brain: Dependable Sensing of EEG Signals for the Actuation of Intelligent Brain Controlled System	Vol 9, Issue 4,, pp. 196-202	International Journal of All Research Education and Scientific Methods	April 2021
9.	Dr.N.Usha Bhanu	Intelligent IoT Based Irrigation System for Agriculture	Vol:8-Issue:3 pp:1914-1918	International Research Journal of	March. 2021

				Engineering and Technology (IRJET)	
10.	Dr. N. Ushabhanu	A Prototype Device for Medicine Disbursement and Sanitization in COVID zones	Vol. 9, Issue III, pp:888-892	International Journal for Research in Applied Science and Engineering Technology	March 2021
11.	Dr. Udhayakumar G	IoT enabled Smart Water Level Monitoring System	Vol. 9, Issue 4, pp. 408-412	International Journal of All Research Education and Scientific Methods	April 2021
12.	Dr. S. Ramesh	Non-Radiating Edges Gap Coupled Microstrip Antenna for Wireless Body Area Communications	Vol.29, No.3, pp:9596- 9603	International Journal of Advanced Science and Technology	July 2020 Scopus Indexed
13.	Dr. S. Ramesh	Precision Agricultural System for Crops Water Management using IoT	Vol.14, No.8, pp:359-364	Journal of Xidian University	August 2020 Scopus Indexed
14.	Dr. S. Ramesh	A Novel Subspace Method for Precise Carrier Frequency Offset Estimation In Multicarrier Modulation Scheme Under Multiuser Environment	https://doi.org/10.1002/dac.4608	Wiley - International Journal of Communication Systems	September 2020 SCI Indexed
15.	Dr. S. Ramesh	Performance Enhancement of Generalized Frequency Division Multiplexing with RF Impairments Compensation for Efficient 5G Wireless Access	https://doi.org/10.1016/j.aeue.2020.153467	Elsevier-AEU - International Journal of Electronics and Communications	October 2020 SCI Indexed
16.	Dr. S. Ramesh	Performance and analysis of UWB Aesthetic pattern Antenna for WBAN Applications	Vol.35, No.12, pp:1525-1531	ACES Journal	Dec. 2020 SCI Indexed
17.	Dr. S. Ramesh	Analysis on hybrid Beamforming for 5G Energy efficient communications	Vol.10, No.11, pp:11352-11359	Journal of Green Engineering	Nov.2020 Scopus
18.	Dr. S. Ramesh	Orthogonally Integrated Hybrid Antenna For Intelligent Transportation Systems	Vol.36, No.5, pp:519-525	ACES Journal	May 2021 SCI
19.	Dr.J.Mohan	Hybrid Techniques for MRI Spine Images Classification	Vol.79, pp:829-832	Journal of scientific and Industrial Research	Sept. 2020, Web Of Science
20.	Dr.J.Mohan	Smart Ration System Using Rfid	Vol. 8-issue :4, S.NO:3	International Research Journal of Engineering and	April 2021

				Technology (IRJET)	
21.	Dr.J.Mohan	RFID Based Fingerprint Sensor Voting Machine	Vol-8 Issue-4 pg no: 281-283	International Research Journal of Engineering and Technology (IRJET)	April 2021
22.	Dr.S.C.Prasanna	A Matignon's Theorem Based Stability Analysis of Hybrid Power System for Automatic Load Frequency Control Using Atom Search Optimized FOPID Controller	Vol.8, pp:168751-168772	IEEE Access	September 2020
23.	Dr.C.Amali.	SOT based Dynamic Garbage Management System	Vol 20, Issue 5: pp. 2207-2214	Elementary Education Online	March 2021
24.	Dr.C.Amali.	Deployment of wearable sensors for patient monitoring system using Augmented Reality and IoT	Vol:8-Issue:4 pp:516-519	International Research Journal of Engineering and Technology (IRJET)	April 2021
25.	Dr.C.Amali,	Monitoring and detection of health safety in the locked car using smart Arduino system	Vol.: 8 issue no.: 3 pg.: 2878-2882	International Research Journal of Engineering and Technology (IRJET)	March 2021
26.	Dr. N. Subhashini	Aggrandized Concatenated Fish and Plant Farming Management System Using IoT	Vol 9, Issue 3, pp. 1629 -1636	International Journal of All Research Education and Scientific Methods	March. 2021
27.	Dr.N.Subhashini	Social distance monitoring and violation alert system In public places	Vol.9, Issue 4, pg no 207-215	International Journal of All Research Education and Scientific Methods	April 2021
28.	Dr. V. Sureshkumar	Smart Poultry Farm Incorporating GSM and IoT	Vol.8-issue3 Pg.No:3186-3190	International Research Journal of Engineering and Technology (IRJET)	March. 2021
29.	Dr. V. Suresh Kumar	Design of a Social Robot for Autonomous Health Data Acquisition among Hospitalized Patients Using IoT	Vol.9, Issue 4, pp. 253-258	International Journal of All Research Education and Scientific Methods	April 2021
30.	Dr.Preethi.S.R	Aquaculture Environmental Surveillance	Vol.no:XIV Issue no:IV Pg no:25-29	A Journal of Composition Theory (JCT)	April 2021
31.	Dr.S.R.Preethi	Fish Recognition and Detection based on Deep Learning	Vol.8- issue4,pp 98-102.	International Research Journal of Engineering and Technology (IRJET)	April 2021

32.	Mr.Senthilmurugan S	Smart Transport System-Paving Way for Emergency Vehicles Using RSSI	Vol.9, Issue 4,pp. 137-140	International Journal of All Research Education and Scientific Methods	April 2021
33.	Mr.S.Senthilmurugan	Smart Intrusion Detection System for Crop Protection and Monitoring.	Vol-8 Issue-3 pg no: 2990-2993	International Research Journal of Engineering and Technology (IRJET)	March 2021
34.	Mr.D.Murugesan	Real time Water Quality Monitoring System Using IoT	Vol:3 Issue:3 Pg no.1231-1236	International Research Journal Of Modernization In Engineering Technology And Science (IRJMETS)	March. 2021
35.	Mr.D.Murugesan	Automobiles based Black- Box system using IoT	Vol 8-issue 4, Pg.No:263-265	International Research Journal of Engineering and Technology (IRJET)	April 2021
36.	Mr.Saravana Kumar C	Pearson Hashing Algorithm on Hash Tables in FPGA	Vol 9, Issue 3, pp. 1703-1706	International Journal of All Research Education and Scientific Methods	March. 2021
37.	Mr.S.Marirajan	Secured Examination system using RFID and Iris recognition	Vol 3, Issue 3,Pg.No 2225-2229	International Research Journal Modernization in Engineering Technical and Science	March 2021
38.	Mr. S. Marirajan	Medical Assistive during Emergency Situation Using Augmented Reality	Vol 9, Issue 4 , page 394-398	International Journal of All Research Education and Scientific Methods	April 2021
39.	Mr.A.Pandian	Screening of public for Covid-19 symptoms using wearable sensors	Vol 9, Issue 3, pp. 1474-1478	International Journal of All Research Education and Scientific Methods	March. 2021
40.	Mr. A. Pandian	Driver Monitoring and Auto Parking System under Emergency Scenarios for E-Vehicles	Vol 9, Issue 4,, pp.9-12	International Journal of All Research Education and Scientific Methods	April 2021
41.	Mr.V.Prasanan	A Compact DGS Based Multiband Reconfigurable Antenna for Wireless Applications.	Vol 05, Issue 04, ISSN:2582-3930	International Journal of Scientific Research in Engineering and Management.	April 2021

42.	Ms. Sandhya V P	Water Contamination Level Monitoring Using LoRa Technology	Vol 9, Issue 3, pp. pp.2008-2014	International Journal of All Research Education and Scientific Methods	March. 2021
43.	Mr.Dhananjeyan . R	MIMO Antenna Array for 5G Smartphone Application	Vol.10, No.4, pp: 23-29.	i- Managers journal on Electrical engineering	August 2020
44.	Mr.M.Selvaraj	A Braille Based Mobile Communication For Deaf-Blind People	Vol: 08 Issue: 03 pp:2532-2535	International Research Journal of Engineering and Technology (IRJET)	Mar 2021
45.	Mr.M.Selvaraj	IoT based smart mask with Air Purification and Body vitals monitoring system	Vol: 08 Issue: 03 pp: 2626-2630.	International Research Journal of Engineering and Technology (IRJET)	Mar 2021
46.	Mr.T.V.Sudhir.	Density Based Traffic Control and Monitoring System Using IoT	vol 9, Issue 4, pp: 170-175	International Journal of All Research Education and Scientific Methods	April 2021
47.	Mr. T. V. Sudhir	Air and Noise Pollution Monitoring using IoT	Vol 9, Issue IV, pp: 324-331	International Journal for Research in Applied Science & Engineering Technology	April 2021
48.	Ms. Durgadevi.K	Similitude Investigation on Active Power Factor Correction Mechanism Employing Zeta Converter With Diode and Synchronous Mode of Rectification	Vol. 7, Issue 27(II), pp:12-19	SHODH SARITA	September 2020
49.	Ms. Durgadevi.K	Automatic Face Recognition and Detection Attendance Using Web Camera with Energy Saving Power System	Vol 9, Issue 4, pp. 203-206	International Journal of All Research Education and Scientific Methods	April 2021
50.	Ms. K. Sobana	Detection and Identification of Things for Blind People Using Raspberry Pi	Vol 9, Issue 3, pp. 2185 - 2188	International Journal of All Research Education and Scientific Methods	March. 2021