Department of Electronics and Communication Engineering

Journal Publication

Academic Year 2019-2020

S.No	Title of the Paper
1.	Bharathi, M., Amsaveni, A., & Sasikala, S. (2019). Orthogonal Frequency Division Multiplexing for Improving the Performance of Terahertz Channel, Journal of Infrared and Millimeter waves, 38(3), 263-268.
2.	Sasikala, S., Bharathi, M., Ezhilarasi, M., Senthil, S., & Reddy, M. R. (2019). Particle swarm optimization based fusion of ultrasound echographic and elastographic texture features for improved breast cancer detection. Australasian physical & engineering sciences in medicine, 42(3), 677-688.
3.	Amsaveni, A., Bharathi, M., & Swaminathan, J. N. (2019). Design and performance analysis of low SAR hexagonal slot antenna using cotton substrate. Microsystem Technologies, 25(6), 2273-2278.
4.	Sreedharan, D., Paul, V., & Thottungal, R. (2019). Mathematical modelling of polymer electrolyte membrane fuel cell and fuzzy-based intelligent controllers for performance enhancement. Computers & Electrical Engineering, 77, 354-365
5.	Umamaheswari, S,Capsule network-based data pruning in wireless sensor networks ,(2019),International Journal of Communication Systems, doi.org/10.1002/dac.4145
6.	Haridas, A. V., Marimuthu, R., Sivakumar, V. G., & Chakraborty, B. (2020). Emotion recognition of speech signal using Taylor series and deep belief network based classification. Evolutionary Intelligence, 1-14.
7.	S., Umamaheswari. (2020). Performance analysis of wireless sensor networks assisted by on-demand-based cloud infrastructure. International Journal of Communication Systems. 33. e4272. 10.1002/dac.4272.
8.	Ajay.V.P , N.Nesasudha (2019).Analysis of Data falsification in Cognitive Radio Scenarios from Secondary User Viewpoints ,International Journal of Advanced Science and Technology,Vol. 28, No. 8, pp. 577-586
9.	S.Krithika,J.kaja Maideen,T.K.C.Madan (2019)An Automated Trash Monitoring Systemfor Waste Management Using IoT– (I-Bin) " International Journal of Engineering and Advanced Technology (IJEAT)," ,ISSN: 2249 – 8958, Volume-8, Issue-6S3, September 2019 , DOI: 10.35940/ijeat.F1188.0986S319.
10.	C.Kavitha,S.Abinav Shankar,K.KKarthika,B.Ashok,S.Dennis Ashok (2019).Active camber and toe control strategy for the double wishbone suspension system,Journal of King Saud University-Engineering Science, DOI :10.1016,375-384
11.	Allin Joe. D, Karthikumar.R. and Sriram, S. (2019). A Planar Inverted Feed Antenna for WiMAX and GPS Applications. International Journal of Engineering and Advanced Technology, 8(6S3), pp.1242-1244.
12.	Allin Joe, D., Umamaheswari, S. and Karthikumar, R. (2019). A Multiband Patch Antenna for WiMAX and S Band RADAR Applications. International Journal of Engineering and Advanced Technology, 8(6S3), pp.1548-1550.
13.	Allin Joe, D., Umamaheswari, S. and Sriram, S. (2019). A Multiband Antenna for GSM, WLAN, S-band Radar and WiMAX Applications. International Journal of Engineering and Advanced Technology, 8(6S3), pp.1555-1558.

S.No	Title of the Paper
14.	Thiyagarajan, K., Allin Joe, D., Venkatesh, D. and Pandiyalakshmi, K. (2019). Quarter Wave Resonator based Microstrip Bandpass Filter using Asymmetrical coefficients. International Journal of Innovative Technology and Exploring Engineering, 9(2), pp.3319-3324.
15.	P. Sampath, R. Darwin,(2019) ,Multilayer Stacked Microstrip Patch Antenna for 5G Applications Operating in Millimeter Wave Band., International Journal of Innovative Technology and Exploring Engineering (IJITEE) 2025–2028
16.	P. Sampath,,R.Darwin, (2019) ,Millimeter Wave Antenna Array for 5G Smart City Applications,International Journal of Innovative Technology and Exploring Engineering (IJITEE), vol. 9, no. 2, pp. 4026–4030.
17.	P. Sampath, R.Darwin, (2019),U-Slot Dual-Band Planar Inverted-F (PIFA) for 5G in Sub-6 Ghz Spectrum Bands, International Journal of Engineering and Advanced Technology (IJEAT)., vol. 8, no. 6S3, pp. 1245–1248, 2019.
18.	Thilagavathi, K & Vasuki, A 2019, 'A Novel Hyperspectral Image Classification Technique Using Deep Multi-Dimensional Recurrent Neural Network', Applied Mathematics & Information Sciences, vol. 13, no. 6, pp. 955-963. ISSN: 2325-0399.DOI: http://dx.doi.org/10.18576/amis/130608
19.	R. Dinesh, Ramalatha Marimuthu,(2019) "A Ring Oscillator Based Random Generator for Cryptography Applications", 'International Journal of Innovative Technology and Exploring Engineering' Volume-8 Issue-11
20.	Ramalatha Marimuthu,R. Mahalakshmi, K. Preethi, D. Kalaiselvi,Adsorption Behaviourof chemically modified cellulose bearing Benzothiazole chelating group towards lead ions from water bodies, Rasayan Journal of Chemistry, Vol. 12 No. 1, 245 - 250, January - March 2019, ISSN: 0974-1496
21.	K. Kavitha, N. M. Harshini,(2019,)Noma-Stbcfor Uplink Mimo Channel,International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8, Issue-6S3
22.	Shivappriya, S. N.; Narmatha, M.; Madhusri, V. (2019)Design of Dadda and Wallace Tree Multiplier Using Compressor Technique.International Journal of Engineering and Advanced Technology(IJEAT)ISSN: 2249 –8958, 8 (6) (Suppl. 3).
23.	Karthi S.P, Kavitha K.Dineshkumar (2020) A Novel Method for Detecting Parametric Faults in Analog Circuits using Fuzzy Logic., International Journal of Innovative Technology and Exploring Engineering (IJITEE)I,ssue, 9(3), 3404–3407. doi: 10.35940/ijitee.c8883.019320
24.	David.s,Vanathi.P,(2020)Empirical Analysis of Vehicular Network Design Strategies and Routing Efficiency with AODV Protocol,Test Engineeering and Management,Vol. 83,PP 1968-1975
25.	S. Arun Kumar, S. Sasikala , (2020) ,Effective Aquatic Waste Removal through Lake Cleaning Robot for Smart City Environment, International Journal of Innovative Technology and Exploring Engineering (IJITEE),Jan 2020 ISSN: 2278-3075, Volume-9, Issue-4,DOI: 10.35940/ijitee.C8905.029420
26.	S. Boopathy & Gokul Anand & Rajalakshmi, N. (2020). Smart Irrigation System for Mint Cultivation through Hydroponics Using IOT. Test Engineering and Management. 83. 13706-13714.
27.	Timothy D Paul and Dr Vimalathithan Rathinasabapathy,(2020),Avoiding Data Bottle Neck in Water Quality Monitoring in tanks and lakes Using ZigBee, Test Engineering and Management, vol (83), issue March- April 2020, 24995-25001.
28.	T.Kowsalya,S.Sukirtha, S.Krithika (2019).Quantum Key distribution for IOT - A Review, International Journal of Engineering Research and Management, ISSN: 2349-2058, VOl - 06 , Issue -10
29.	Gayathiri .D, Ram Prakash.K. (2019). Wide Frequency Band Antenna Using Basic Fractal Structure With Microstrip And Coaxial Feeds. Internation Journal Of Advance Research And Innovative Ideas In Education, 5(1), 308-315.
30.	Narmatha, M.S.N Shivappriya,(2019) Survey and Comparison of Human Pose Estimation. International Journal of Advance Research and Innovative Ideas in EducationID: 9837 2019, 5 (2), 2395-4396.
31.	R.Elakkiya, K.Thilagavathi, A.Vasuki (2019), 'Active Learning in Classification of Hyperspectral Imaging-A Review', Asian Journal of Information Technology,vol.18,Issue 6,pp.173-179.DOI: 10.36478/ajit.2019.173.179

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32.	Dr.R.Hemalatha,, K.Geethanjali, M.S.Aruna Priya, S.Preetha,(2020),Analysis of smart technologies for smart gardening, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE) ,Volume 9, Issue 4
33.	Kowsalya, Sukirtha,Krithika ,(2020)Securing the Communication Network of Internet of Things in Smart Cities through Quantum Deployment, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE) ,Volume 9, Issue 4,
34.	P.Ramya, R.K.Kavin, R.Rathish, M.Satheesh Kumar, R.Karthi Kumar,(2020),Accident Avoidance and Prevention System,International Journal of Engineering science and computing (IJESC), Volume 10, Issue No.5, May 2020
35.	E. M. Aswin, C. Jithesh kumar, A. R. Bharath, N. Pradeep raj, Dr. M. Shanthi (2020) ,Sewage Workers Smart Monitoring System, International Journal for Research in Applied Science & Engineering Technology (IJRASET) Volume 8, Issue 5, Pg 2371-2375
36.	Logesh M, Karthika K,(2020) ,Mean Stack Web Development,International Research Journal of Engineering and Technology (IRJET), Volume 7, Issue No.5
37.	Jasmine.K,Dr.K.Kavitha, Dhivya Praba.R, (2020), Performance Analysis of Diversity Techniques for Wireless Communication, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE), Volume 9, Issue 5
38.	M.Abi Priya, S.Hema, R.Dhivya Praba,(2020),Fake product review monitoring and removal for genuine online product reciew using IP address monitoring, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE), Volume 9, Issue 6