

**Department of Electronics and Communication Engineering**

**Journal Publication**

**Academic Year 2020-2021**

Sl.No	Title of the Paper
1.	Shivappriya S. N., Karthikeyan S, Prabu S., R. Pérez de Pérez de Prado, Parameshachari. B. D. (2020) A Modified ABC-SQP-Based Combined Approach for the Optimization of a Parallel Hybrid Electric Vehicle, <i>Energies</i> , 13,4529 pp.1-22
2.	Amsaveni, A., & Bharathi, M. (2021). Use of firefly optimization algorithm for fractional fourier transform based reversible data hiding. <i>Journal of Intelligent &amp; Fuzzy Systems</i> , 40(1), 415-425. doi:10.3233/jifs-191911
3.	Umamaheswari, S. (2021). Hybrid Optimization Model for Energy Efficient Cloud Assisted Wireless Sensor Network. <i>Wireless Personal Communications</i> , 118(1), 873-885.
4.	Paul, T.D., A Kalaiselvi, Nagarathinam S( 2021), Experimental Analysis Of Women Safety Management System By Using Iot Enabled Machine Learning Strategies. <i>Turkish Journal of Physiotherapy and Rehabilitation</i> . Volume 32,Issue 2 934-941
5.	A.Kalaiselvi, S.Nagarathinam, Timothy Dayakar Paul, M.Alagumeenaakshi, (2021). Detection Of Autism Spectrum Disorder Using Transfer Learning. <i>Turkish Journal of Physiotherapy and Rehabilitation</i> 32, 926-933
6.	Karthika, K.,Kavitha, K. (2021). Reconfigurable Antennas for Advanced Wireless Communications: A Review. <i>Wireless Personal Communications</i> . Published. <a href="https://doi.org/10.1007/s11277-021-08555-4">https://doi.org/10.1007/s11277-021-08555-4</a>
7.	Shivappriya, S. N., Priyadarsini, M. J. P., Stateczny, A., Puttamadappa, C., & Parameshachari, B. D. (2021). Cascade Object Detection and Remote Sensing Object Detection Method Based on Trainable Activation Function. <i>Remote Sensing</i> , 13(2), 200. MDPI AG. <a href="http://dx.doi.org/10.3390/rs13020200">http://dx.doi.org/10.3390/rs13020200</a>
8.	Dr S.N.Shivappriya, Mr T Gowrishankar ,Dr.R.Harikumar(2020), Identification of Cardiac Arrhythmia Using ECG Signal Based ANFIS Classifier, <i>Tierärztliche Praxis</i> , Vol 40,
9.	B.Gopinath and R.Santhi, (2020), Deep Learning-based Image Analysis Model for Diagnosing Thyroid Carcinoma in Fine Needle Aspiration Cytology (FNAC) Images, <i>Bioscience Biotechnology Research Communications</i> , Vol. 13, No. 11, pp. 61-65. DOI: <a href="http://dx.doi.org/10.21786/bbrc/13.11/14">http://dx.doi.org/10.21786/bbrc/13.11/14</a>
10.	K.Thilagavathi, K.Kavitha, R.Dhivya Praba, S.V.Arockia Joseph Arina and R.C.Sahana,(2020)Detection of Diseases in Sugarcane Using Image Processing Techniques, <i>Bioscience Biotechnology Research Communications</i> ,Special Issue vol 13 No 11 (2020) pp-109-115.DOI: <a href="http://dx.doi.org/10.21786/bbrc/13.11/24">http://dx.doi.org/10.21786/bbrc/13.11/24</a>
11.	R. Indhu and K.Thilagavathi, (2020),Plant Disease Detection System for Smart Agriculture, <i>Bioscience Biotechnology Research Communications</i> ,Special Issue vol 13 No 11 , pp-88-93.DOI: <a href="http://dx.doi.org/10.21786/bbrc/13.11/20">http://dx.doi.org/10.21786/bbrc/13.11/20</a>
12.	S N Shivappriya, K. Maheswari and S. Sasikala(2020), Performance Comparison of Pan Tompkins and Wavelet Transform Based Ecg Feature Extraction Techniques <i>Bioscience Biotechnology Research Communications</i> . Special Issue Vol 13 No 11 ,Pp-133-137
13.	S. Sasikala, S. Arun Kumar, S.N. Shivappriya and Priyadarshini T(2020),Towards Improving Skin Cancer Detection Using Transfer Learning , <i>Bioscience Biotechnology Research Communications</i> . Special Issue Vol 13 No 11 ,Pp-55-60

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14.	Paul, T. D., Malingan, N., & Angeline, P. S. (2020), Intelligent wireless communication establishment with fault free IoT enabled machine learning strategies. Materials Today: Proceedings <a href="https://doi.org/10.1016/j.matpr.2020.06.214">https://doi.org/10.1016/j.matpr.2020.06.214</a>
15.	Shanmugam, S., Shanmugam, A. K., Mayilswamy, B., & Muthusamy, E. (2020). Analyses of statistical feature fusion techniques in breast cancer detection. International Journal of Applied Science and Engineering, 17(3), 311-317.
16.	Allin Joe D, (2020),A Dual Band Slotted Z Shape Antenna for UHF and GPS Applications, TEST Engineering & Management, vol. 83, pp. 13715–13717
17.	Dr.S.N.Shivappriya, Dr Ramalatha Marimuthu (2020),RFID based Public Bus Tracking ,Test Engineering and Management, May – June 2020 ISSN: 0193-4120 Page No: 13685 - 13689,
18.	Gopinath, B., & Santhi, R. (2021). Development and Evaluation of Fishbone-Based Advanced Computational Thinking (FACT) Pedagogy: A Teacher-Student Collaborative Learning Environment in Engineering and Science Education. Higher Education for the Future, 8(1), 108–122. <a href="https://doi.org/10.1177/2347631120970177">https://doi.org/10.1177/2347631120970177</a>
19.	Krishnan, S., Jaiganesh, P. S., Karunakaran, A., Kumarasamy, K., & Lin, M.-C. (2021). The effect of pH on the photocatalytic degradation of cationic and anionic dyes using polyazomethine/ZnO and polyazomethine/TiO <sub>2</sub> nanocomposites. International Journal of Applied Science and Engineering, 18(5), 1–8. <a href="https://doi.org/10.6703/IJASE.202109_18(5).008">https://doi.org/10.6703/IJASE.202109_18(5).008</a>
20.	Marimuthu, R., Kesav Krishna, G., Sathyanarayanan, S. S., & Valarmathi, R. (2021). Ease impact of age on stress related complications in pregnancy. International Journal of Applied Science and Engineering, 18(2), 1-9.
21.	Yukesh M, Roshini Devi V.J, Harish Raj S, Priya R, Anusha K,(2020) ,COMPOST MANAGER, International Journal of Creative Research Thoughts (IJCRT), ISSN:2320-2882, Volume.8, Issue 7, pp.4971-4973 <a href="http://www.ijcrt.org/papers/IJCRT2007542.pdf">http://www.ijcrt.org/papers/IJCRT2007542.pdf</a>
22.	Anoop Srivatsan Balaji, Lokitha T, Suvetha P, Vishnu Prabhakar R, R. Karthi Kumar, (2020),Automatic fish feeding and monitoring system foraquarium using 555 TIMERS, International Journal of Technical Research & Science. ISSN:2454- 2024 <a href="https://doi.org/10.30780/IJTRS.V05.I06.005">https://doi.org/10.30780/IJTRS.V05.I06.005</a>
23.	S.Poornima , M.Nagachindhu , R. Dhivya Praba ,(2020),A Novel Patient Assessment and Pharmacy Management using Web Technology, in Journal of International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering Volume 9, Issue 6
24.	S.Chidhambaram, R.S.Mukilan, R.Shivabalaji, K.Vigneshwaran, R.Dhivya Praba,(2020),Smart Traffic Light Controller Using Image Processing, Journal of International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering Volume 9, Issue 8
25.	Ms.V.Umamaheshwari(2020),Design and Development of Kenaf Hemp Fiber Extractor,International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET),Volume 9, Issue 6
26.	M.Shasmitha , G.Muthu Santhiya, K.Jasmine . (2020), Information Management System for Smart City Using Java, International Journal of Advanced Research in Electrical,Electronics and Instrumentation Engineering (IJAREEIE)Volume 9, Issue 6
27.	S.Manoj , S.Jaya Aravind , R.Rahul , K.Jasmine. (2020),Smart Charging Shoes Using Piezoelectric Transducer , Information Management System for Smart City Using Java,International Journal of Advanced Research in Electrical,Electronics and Instrumentation Engineering (IJAREEIE) Volume 9, Issue 8

Sl.No .	Title of the Paper
28.	Ms. Madhunisha, Ms. Sukirtha, Ms. Sri Vishnu Priyaa, Mr. Kaushik, Jasmine K (2021,)E – Grow with us: An E – Commerce application/ International Advanced Research Journal in Science, Engineering and Technology/Volume 8, Issue 4,DOI 10.17148/IARJSET.2021.8455
29.	S.Tamilelakkiya,P. Vidhya, S. Ajithumar, S. Manojkumar, (2021),IoT Based Smart Voting System ,International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE) ,Volume 10, Issue 5,DOI:10.15662/IJAREEIE.2021.1005010
30.	S. Tamilelakkiya, N.S. Santhos, S. Nithya, S. Jaishree,(2021),PLANT DOC-Diseases Detecting Mobile Application,International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE),Volume 10, Issue 5, DOI:10.15662/IJAREEIE.2021.1005013