



JEPPIAAR
ENGINEERING COLLEGE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

JOURNAL PUBLICATION DETAILS 2022-2023

Sl. No.	Name of the Authors	Title of the Paper	Name of the Journal	Volume No, Issue No, Page No	Year	ISSN No of the Journal	Impact Factor of the journal	DOI	Indexing WOS-SCIE/ WOS-ESCI/ SCOPUS/ UGC CARE/ Other Journal/ Conference Proceeding
1	Dr.J.Jebastine	Fetal ECG Extraction and QRS Detection Using Advanced Adaptive Filtering-Based Signal Decomposition and Peak Threshold Technique from Abdominal ECG Signals	Circuits, Systems, and Signal Processing	Vol.42 , Issue 10 , Pg.No 6058–6088	May-23	ISSN : 1531-5878	2.3	https://doi.org/10.1007/s00034-023-02386-3	SCIE (Annexure - I) Springer DBLP
2	Dr.G.Balachandran et al	Moving scene-based video segmentation using fast convolutional neural network integration of VGG-16 net deep learning architecture	International Journal of Modeling, Simulation, and Scientific Computing	Vol. 14, No. 1	Feb-23	ISSN 1341014	1.2	https://doi.org/10.1142/S1793962323410143	SCIE
3	Mrs.A. Santhiya et al	Sustainable IoT Solution for Freshwater Aquaculture Using FPGA	International Journal of Research Publication and Reviews	(4), 4736-4739	Apr-23	ISSN 2582-7421	5.536	https://ijrpr.com/uploads/V4ISSUE4/IJRP12122.pdf	SCOPUS
4	Mrs.C.Anitha et al	Coal Mining Safety System Using WUSN and Lora	IJIRT	Volume 9 Issue 1	Jun-22	ISSN: 2349-6002	7.376	https://ijirt.org/masthead/publishedpaper/IJIRT155665_PAPER.pdf	UGC-47859
5	Mrs.R. Gracelin Sheeba	Compact single layer low profile microstrip patch antenna	JETIR	Volume 9, Issue 6	June 2022.	ISSN-2349-5162	7.95	https://www.jetir.org/papers/JETIR2206290.pdf	UGC-63975

6	Mr.G. C. Jagan	A Novel Machine Language-Driven Data Aggregation Approach to Predict Data Redundancy in IoT-Connected Wireless Sensor Networks	Wireless Communications and Mobile Computing	vol. 2022	Oct-22	ISSN:530-8677	2.146	https://doi.org/10.1155/2022/7096561	WOS-SCIE/ SCOPUS/
7	Dr.V.Nanammal et al	Design of Power and Area Efficient Approximate Multipliers for Edge Detection Algorithm	International Journal for Research in Applied Science & Engineering Technology	Volume 10, Issue IX	Sep-22	ISSN: 2321-9653	IC Value: 45.98; SJ Impact Factor: 7.538	https://doi.org/10.2214/ijraset.2022.46620	UGC-45842
8	Dr.V.Nanammal et al	Image Cryptography Design Based on Nano AES Security Algorithm	International Journal for Research in Applied Science & Engineering Technology	Volume 10, Issue IX	Sep-22	ISSN: 2321-9654	IC Value: 45.98; SJ Impact Factor: 7.539	https://doi.org/10.2214/ijraset.2022.46613	UGC-45842
9	Dr.V.Nanammal et al	FPGA Implementation of Digital Modulation Schemes Using Verilog HDL	International Journal for Research in Applied Science & Engineering Technology	Volume 10, Issue IX	Sep-22	ISSN: 2321-9655	IC Value: 45.98; SJ Impact Factor: 7.540	https://doi.org/10.2214/ijraset.2022.46596	UGC-45842
10	Mr.Sakthivel E et al.	Artificial Vision Using Blind for Alexa	IJIRT	Volume 9 Issue 1	Jun-22	ISSN: 2349-6002	7.376	https://ijirt.org/maste r/publishedpaper/IJIRT155706_PAPER.pdf	UGC-47859
11	Mr.Sakthivel E et al.	CROP YIELD OPTIMIZATION AND PREDICTION BY MACHINE LEARNING ALGORITHMS	International Journal of Scientific Research in Engineering and Management (IJSREM)	Volume: 06 Issue: 06	Jun-22	ISSN: 2582-3930	7.185	https://ijsrem.com/download/crop-yield-optimization-and-prediction-by-machine-learning-algorithms/	UGC
12	Mr.B.Arun Vijayakumar et al.	Automatic seat belt	IJIRT	VOL.,9,ISSUE 1	Jun-22	ISSN: 2349-6002	7.376	https://ijirt.org/maste r/publishedpaper/IJIRT155517_PAPER.pdf	UGC-47859
13	Mr.B.Arun Vijayakumar et al.	Searching and Separation of Waste Using Robot	IJRASET	Volume 10 Issue VI	Jun-22	ISSN 2321-9653	7.894	https://doi.org/10.2214/ijraset.2022.44535	UGC

14	S Ranjith et al	Multi-fusion integrated end-to-end deep kernel CNN based channel estimation for hybrid range UM-MIMO 6G communication systemsApplied Acoustics, 2023	Applied acoustic	vol 120 June 2023	Jul-23	ISSN 0003-628x	3.4	https://doi.org/10.1016/j.apacoust.2023.109427	Annexure I
15	S Ranjith et al	Radar optical Communication for analysing aerial targets with frequency bandwith an clutter suppressio by boundry element mmwave signal model	Optical and Quantum Electronics	vol 55 October 2023	Oct-24	ISSN 0306-8919	3	https://doi.org/10.1007/s11082-023-05397-1	Annexure I
16	T.R.Chenthil et al	An energy-efficient distributed node clustering routing protocol with mobility pattern support for underwater wireless sensor networks	Wireless Networks	45292	Jul-22	ISSN 470845295	2.7	https://doi.org/10.1007/s11276-022-03061-2	Annexure - I , SCIE
17	T.R.Chenthil et al	An Energy Aware Multi Slot Scheduling with Two-Layer Hexagonal Based Integrated Aggregation Approach for Underwater Wireless Sensor Networks (UWSN)	Journal of Interconnection Networks	46753	Dec-22	ISSN0 219-2659	0.177	https://doi.org/10.1142/S0219265921500274	SCOPUS
18	Dr.G.Balachandran et al	Machine learning based video segmentation of moving scene by motion index using IO detector and shot segmentation	Image and Vision Computing	Pg.No 1 - 15	Jun-22	ISSN 0262-8856	3.8	https://doi.org/10.1016/j.imavis.2022.104443	Annexure - I , SCIE