DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Sl. No.	Name of the Staff	Name of the Journal	Title of the Paper	Year
1	Joy Merline C G, R. Swarnatharani and Sathiyapriya S	Goya Journal	Design and Implementation of Ralink's Uclinux-Based Wireless Network Interface Card	2023
2	Dr. J. Venu Gopala Krishnan, Paranthaman G and Sathiyapriya S	Goya Journal	Dynamic Management of Network Merging and Partitioning in Mobile Ad Hoc Networks (MANETs)	2023
3	Dr. Prakash P, Paranthaman G and Lukshmi G	Goya Journal	Enabling Secure Software-Defined Networking for Wireless and Cellular Networks through Virtualization	2023
4	Divinely S J, Menaka T and Lukshmi G	Goya Journal	Enhanced Medical Time-Series Forecasting Using LSTM, MDN, and Attention Mechanism	2023
5	Soundarya P, Narmatha S and Srimathi P	Goya Journal	Evolutionary Game Theory-Based QoS Routing Algorithm for Wireless Mesh Networks (WMNs)	2023
6	Helan Jancy Reeno, Josphin Janita D and Anitha K	Goya Journal	Enhancing Security in Electronic Medical Records (EMR) through Fuzzy C-Means and Reversible Data Hiding for Teleradiology	2023
7	Dr. Hema R, Dr. Prakash P and Paranthaman G	Goya Journal	Enhancing Communication Efficiency in Wireless LAN through Cooperative Packet Transmission Scheduling for Multicast and Unicast Flows	2023
8	Soundarya P, Narmatha S and Srimathi P	Goya Journal	IMPROVED SELF-SCHEDULED ACCESS CONTROL FOR VEHICULAR AD HOC NETWORKS (VANET)	2023
9	Helan Jancy Reeno, Josphin Janita D and Anitha K	Goya Journal	Exploring Prospects and Hurdles in Microwave-Based Medical Sensing and Imaging	2023
10	R. Swarnatharani, Joy Merline C G and Sathiyapriya S	Goya Journal	Optimizing VLSI Architecture for Data Encryption Standard with FPGA Realization	2023

Sl. No.	Name of the Staff	Name of the Journal	Title of the Paper	Year
11	Venu Gopala krishnan.J	International journal of Intelligence systems and applications in engineering	NNLGBM: Medical image classification through secure collaboration in Pneumonia detection by blending NN and LGBM	2022
12	Venu Gopala krishnan.J., Ramesh, PLN and R. Sathish Kumar	Goya Journal	A Sequential-Phase Fed Dual-Band Dual-Circular-Polarized Patch Antenna for Ka-Band Satellite Communications	2022
13	Venu Gopal Krishnan, J	Image and Vision Computing	Machine learning based video segmentation of moving scene by motion index using IO detector and shot segmentation	2022
14	Venu Gopal Krishnan, J	Int.J. of Intelligent systems and Applications in Engineering	Medical image classification through secure collabortion in pneumonia detection by blending NN&LGBM	2022
15	Joy Merline C G., Vigneshwar and V. Bharathi	Infokara Research	Application and architecture of low power linear feedback shift register for fast automatic test pattern generation	2021
16	Sathiyapriya. S, Josphin Janita D, K. Anitha	GIS SCIENCE JOURNAL	A Comprehensive Algorithm To Enable D2d Communication Between Two Ues	2021
17	Addlin Vini., Sathiya Priya and M. Soundarya	Goya Journal	Human detection system using iot	2021
18	Prakash, P	Journal of nano materials	Improved carbon nanotube field effect transistor for designing a hearing aid filtering application	2021
19	Prakash, P	Journal of nanomaterials	Influence of process parameter on carbon nanotube field effect transistor using response surface methodology	2021
20	Joy Merline C G, Paranthaman G, S.Sathiya Priya	GIS SCIENCE JOURNAL	Contrive Of Area And Dynamic Power Line Decoders For Static Random Access Memory	2021
21	Sathiya Priya S, Soundarya M, Prakash P	Global Journal Engineering and Applied Sciences	Low power low voltage current mirror for analog & mixed signal applications	2021
22	Padma Priya. B., Bino Wesley, R and R.Hema	Infokara Research	BIT error rate measurement for wireless communication system by VLSI	2020

Sl. No.	Name of the Staff	Name of the Journal	Title of the Paper	Year
23	Paranthaman, G., Narmadaa, A.S and R. Bino Wesley	Infokara Research	Modulation to Improve Bit error Rate Performance by Analysis of Stationary and Discrete wavelet Transform with Orthogonal Frequency Division Multiplexing	2020
24	Venu Gopala Krishnan. J., Vinothkumar, M and M.S. Durairajan	Infokara Research	Water level monitoring and management of damsusing IOT	2020
25	Bharathi V, Goban Kumar P, Sabareeswari T C	Global Journal Engineering and Applied Sciences	End-to-end Learning for Optical Fiber Communication with Data-driven Channel Model End-to-end learning for optical fiber communication with data-driven channel mode	2020
26	Ravisankar, C.V., Goban kumar, P and G. Addlin Vini	Infokara Research	Study DLP systems and compare with other security and data protection approaches	2019
27	Bharathi, V., Tamilselvi, T and P. Gurunathan	GIS SCIENCE JOURNAL	Modern iot traffic controller system for grow up the tendency of maintaining traffic rules	2018
28	Tamilselvi A, Kandaprabha E, Gurunathan P	Global Journal Engineering and Applied Sciences	A wearable device for fall detection andheart stroke prediction using iot and machine learning	2018
29	John Daniel S, Hema R, Narmadha S	Global Journal Engineering and Applied Sciences	An efficient multi-objective simulation-based approach for low voltage low power analog ics	2018
30	Ravishankar C V, Narmadaa A S, Refson Price J	Global Journal of Mechanical Engineering and Computational Science	Data Fusion Method Exploiting Data Correlation for Physical Wireless Parameter Conversion Sensor Networks	2018
31	Joymerline C.G., Richard Novas and Roshni Priya	GIS SCIENCE JOURNAL	Gesture based home automation using CNN and iot	2017
32	Jasudha, D., Natarajan, T and R.Swarnatharani	GIS SCIENCE JOURNAL	Smart shopping trolley using raspberry PI	2017
33	Thiripurasundari, C	Computers and Electrical Engineering	An FPGA implementation of novel smart antenna algorithm in tracking systems for smart cities	2017
34	Thiripurasundari, C	Int. J. Networking and Virtual Organisations	FPGA realisation-based architecture for direction-of-arrival in wireless communication	2017