Journal Publications Details

Sl. No	Title of the Paper	Name of the Author/s	Name of the Journal	Vol No, Issue No & pp	Year and Month of Publication	Category Q1/Q2/Q3/Q4	UGC Care list/Scopus/Web of Science/other
2022-23							
1.	Radial Subset Clustering Feature-Based Deep Spectral Neural Classification for relational drug recommendation	S. Dinakaran, V. Ravi, P. Anitha	Neuro Quantology **Impact Factor: 0.451**	Vol. 20, No.9 pp. 873-883	2022	-	Web of Science
2.	Harmonics Extraction Scheme for Power Quality Improvement Using Chbmli-Dstatcom Module	R. Hemalatha and M. Ramasamy	Intelligent Automation & Soft Computing **Impact Factor: 0.734 SCI**	Vol.35, No.2 pp. 1505-1525	2022	Q3	Web of Science
3.	Review on Li-Ion Battery vs Nickel Metal Hydride Battery in EV	VijayakumarArun, R. Kannan, S. Ramesh, M. Vijayakumar, P. S. Raghavendran, M. Siva Ramkumar, P. Anbarasu, and VenkatesaPrabhuSundramurthy	Advances in Materials Science and Engineering Impact Factor: 2.098	Vol. 2022 pp.1- 7	2022	Q2	Web of Science
4.	Optimization of Cognitive Femtocell Network via Oppositional Beetle Swarm Optimization Algorithm	K. Rajesh Kumar, and M. Vijayakumar	Intelligent Automation & Soft Computing **Impact Factor: 3.401**	Vol.36, No.1, pp. 819-831	2022	Q3	Web of Science
5.	Fuzzy neural network Optimization approximate Multiplierusing nonlinear Anisotropic image denoising	DhanalakshmiShanmugasundaram, and Dr.Gowri Shankar Chinnusamy	Neuro Quantology **Impact Factor: 0.453**	Vol.20, No.8, pp. 2477 - 2491	2022	-	Web of Science

6.	Harmonic Minimization in Grid Coupled Photovoltaic Structures Using Selective Harmonic Elimination Pulse-Width Modulation in Multiple Level Series Linked Nano-Scale Double Gate Hetero-Structure MOSFET Based H Type Bridge Inverters	Bharani Prakash, T; Sankar Ganesh, R.	Journal of Nanoelectronics and Optoelectronics **Impact Factor: 1.069**	Vol.17, No. 1, pp. 128-135(8)	2022	Q3	Web of Science
7.	Design of recustomize finite impulse response filter using truncation based scalable rounding approximate multiplier and error reduced carry prediction approximate adder for image processing application	S. Senthilkumar, . SamuthiraPandi, T. Sripriya and N. Pragadish	Concurrency and Computation: Practice and Experience **Impact Factor: 1.835**	Vol. 35, No. 8, pp.e7629	2023	Q3	Web of Science
8.	FPGA Based Integrated Control of Brushless DC Motor for Renewable Energy Storage System	Karthikeyan S. & Lakshmi K	Cybernetics and Systems **Impact Factor: 2.423**	Online Published	2023	Q3	Web of Science
9.	Analysis and Implementation of Switched Capacitor-based Multi-Level Inverter for Electric Vehicles Applications	Manivel, M., & K. Lakshmi	ElektronikaIrElektrotechnika **Impact Factor: 1.059**	Vol.29, No. 1, pp.21-32	2023	-	Web of Science
10.	Optimization of a Renewable Energy Source-Based Virtual Power Plant for Electrical Energy Management in an Unbalanced Distribution Network	Kesavan, T and Lakshmi, K.	Sustainability **Impact Factor: 3.889**	Vol.14, No.18, pp. 11129	2022	Q2	Web of Science
11.	Energy Management And Harmonic Mitigation Of Hybrid Renewable Energy Microgrid Using Coordinated Control Of Multi-Agent System	Krishnan, L. N., PudupalayamSachithanandam, M., &Kaliappan, L. (2022,	International Journal of Industrial Engineering: Theory, Applications and Practice **Impact Factor: 0.633**	Vol. 29, No.6, pp. 893-913	2022	Q3	Web of Science
12.	An Efficient Modified Z Source Grid Tied Inverter System	R. Arulmurugan, P. Balakrishnan, N. Vengadachalam, V. SubhaSeethalakshmi and M. Vijayakumar	International Journal of Electrical and Electronics Research (IJEER)	Vol. 10, No.4, pp.1-4	2023	-	Scopus

13.	Automatic Yarn Breakage Identification Wraping Machine By Using PLC	Mr.Vijaykumar,M, Chandru.S,Jevitha .G,Selakumar.B ,Gowrit.T	International Journal of Advances in Engineering and Management	Vol. 5, No. 3, pp. 1604-1607	2023	-	Google Scholar
14.	Programmable Logic Controller programming and wiring of pills vending machine	Mr.Dhivagar.S, Safrin.T , Thulasiraman.P, Divakar.V, Santhosh.M	International Journal of Advances in Engineering and Management	Vol. 5, No. 3, pp: 1157-1161	2023	-	Google Scholar
15.	Optimization of boiler operation and maintenance using IOT	Dr.Senthilkumar S, Ayyandurai P, Dineshwaran K, Gowtham V, Kavin J R	International Journal of Advances in Engineering and Management	Vol. 5, No. 3, pp: 1850-1855	2023	-	Google Scholar
16.	Intelligent Toll Charge Collection System with Safety Features using Arduino	M. Subramani, Kaarthikeyan S, Kabeena K J, Mohan R, Someshkannan V	International Journal of Innovative Research in Engineering	Vol. 4, No. 1, PP: 162-164	2023	-	Google Scholar
17.	Automatic Path Memorizing Forklift	Dr.Lakshmi K, Ranjithkumar R, Amol M, Sathishkumar. A, Kirubakaran M	International Journal of Advances in Engineering and Management	Vol. 5, No.4, pp: 636-641	2023	-	Google Scholar
18.	Pic Microcontroller Based Boiler Monitoring & Controlling System for Power Plant Industry	Dr.E.Vani, Subash G, Guna M, Nishanth S, Poovarasan M	International Journal of Advances in Engineering and Management	Vol. 5, No. 5, pp: 01-03	2023	-	Google Scholar
19.	A Multi Sensor Intelligent Device For Real Time Multi Phase Flow Controlling In Thermal Power Plant	Yamuna. K , Kishore. S, Hemnath.V, Naveen. A, Jeevanandham. S	International Journal of Advances in Engineering and Management	Vol. 5, No. 4, pp: 463-467	2023	-	Google Scholar
20.	Smart Greenhouse Control System with Plant Health Monitoring	B.Yuvarani, Hari Vignesh.S, Nalan.R, Sridhar.A, Surya Prakash.S	International Journal of Innovative Research in Engineering	Vol. 4, No. 2, pp: 324-326	2023	-	Google Scholar

21.	Facial Movement Based Robotic Arm Control Using Arduino and Python	Dr.S.Ramesh, Mohammed Al Fahad, Prem Prakash S, Kavinraj V, Deepa V	International Journal of Innovative Research in Engineering	Vol. 4, No. 1, pp: 151-154	January-February 2023	-	Google Scholar
22.	Programmable Logic Controller Based On Automatic Loom Machine	Vasanthi.A, Prasanth S, Dinesh Kumar P, Vijay Kumar B, Infant Jennifer R	International Journal of Advances in Engineering and Management	Vol. 5, No. 3, pp: 1640-1643	March 2023	-	Google Scholar