



Department of Electrical and Electronics Engineering

Publication for the Academic Year 2022-23

Sl No	Faculty Name	Paper Title	Month Year	Journal / Conference Title	Volume	Issue	Page start	Page end	Source (Scopus / WoS)	Publication Type	DOI
1	Dr. V. Agalya	Fractional Aquila spider monkey optimization based deep learning network for classification of brain tumor	January 2023	Biomedical Signal Processing and Control	79	1	1	19	Scopus & WOS	Journal	https://doi.org/10.1016/j.bspc.2022.104017
2	Mr. Satish Kumar D	Modified Invasive Weed Optimization for the Control of Photovoltaic Powered Induction Motor Drives in Water Pumping Systems	February 2023	Iranian Journal of Science and Technology, Transactions of Electrical Engineering	-	-	1	14	Scopus & WOS	Journal	https://doi.org/10.1007/s40998-023-00589-7
3	Dr.Vinoth Kumar K	An Analysis of Denoising Neural Networks for Noise Removal in Images	February 2023	Przeglad Elektrotechniczny	99	2	27	31	Scopus & WOS	Journal	10.15199/48.2023.02.04
4	Dr. Gunapriya B	An Improved Deep Learning-Based Technique for Driver Detection and Driver Assistance in Electric Vehicles with Better Performance	November 2022	International Transactions on Electrical Energy Systems	2022	-	1	16	Scopus & WOS	Journal	https://doi.org/10.1155/2022/8548172
5	Dr. Arangarajan Vinayagam	A Chaotic Search-Based Hybrid Optimization Technique for Automatic Load Frequency Control of a Renewable Energy Integrated Power System	July 2022	Sustainability (Switzerland)	14	9	1	27	Scopus & WOS	Journal	https://doi.org/10.3390/su14095668
6	Dr. Arangarajan Vinayagam	Atom Search Optimized FOPI Controller of the DC-DC SEPIC Model with Matignon's Theorem Stability Analysis	March 2023	IETE Journal of Research	69	2	704	722	Scopus & WOS	Journal	https://doi.org/10.1080/03772063.2022.2058627
7	Dr. Vinoth Kumar K	Weather observation and forecasting using radiosonde	December 2022	TELEKOMNIKA (Telecommunication Computing Electronics and Control)	20	6	1376	1383	Scopus	Journal	http://doi.org/10.12928/telkomnika.v20i6.24247
8	Dr. Mahesh M	A comprehensive study on climate change impact on forest and adaptive measures	November 2022	Annals of Forest Research	65	1	2936	2951	Scopus & WOS	Journal	https://www.e-afr.org/article/view/2936.html
9	Dr. Mahesh M	Applications Of Internet of Things in Food and Beverage Industries	November 2022	Annals of Forest Research	65	1	3957	3970	Scopus & WOS	Journal	https://www.e-afr.org/article/view/3957.html
10	Dr. Mohan Das R	A novel deep learning-based approach for detecting attacks in social IoT	May 2023	Soft Computing	-	-	1	11	Scopus & WOS	Journal	https://doi.org/10.1007/s00500-023-08389-1
11	Ms. Karthika M	Torque Ripple Minimization Technique of Position Sensorless BLDC Motor for Variable Speed Drives	May 2023	Distributed Generation & Alternative Energy Journal	38	4	1255	1278	Scopus	Journal	https://doi.org/10.13052/dgaej2156-3306.3848
12	Dr. Agalya V	Political exponential deer hunting optimization-based deep learning for brain tumor classification using MRI	May 2023	Signal, Image and Video Processing	-	-	1	9	Scopus	Journal	https://doi.org/10.1007/s11760-023-02567-2
13	Dr. Gunapriya B	Design of a Robust Controller for Totem Pole Bridgeless PFC Converter	October 2022	2022 2nd Asian Conference on Innovation in Technology (ASIANCON)	-	-	1	4	Scopus	Conference	https://doi.org/10.1109/ASIANCON55314.2022.9909448
14	Dr. S Sujitha Dr. Vinoth Kumar K	ANFIS based Vibration Monitoring System for Agriculture Pumping System with Fuzzy Logic Inference	November 2022	2022 3rd International Conference on Smart Electronics and Communication (ICOSEC)	-	-	261	264	Scopus	Conference	https://doi.org/10.1109/ICOSEC54921.2022.9952017
15	Dr. Gunapriya B Dr. Vinoth Kumar K	Modelling and Design of Solar-Powered DC Refrigerator for Vaccines Transportation in Remote Areas	November 2022	2022 3rd International Conference on Smart Electronics and Communication (ICOSEC)	-	-	265	269	Scopus	Conference	https://doi.org/10.1109/ICOSEC54921.2022.9951953
16	Dr. Gunapriya B	Preparation and Characterization of Mullite Ceramic Nano Powder for use in Nanocomposites	November 2022	AIP Conference Proceedings of International Conference on Materials Research in Science and Engineering	2446	-	120001-1	120001-6	Scopus	Conference	https://doi.org/10.1063/5.0108979
17	Dr. Sujitha S Dr. Vinoth Kumar K	Analysis of Performance Enhancement for DC Distribution for Residential Distribution Network using hybrid AC DC Distribution Network	November 2022	2022 International Conference on Edge Computing and Applications (ICECAA)	-	-	781	785	Scopus	Conference	https://doi.org/10.1109/ICECAA55415.2022.9936061
18	Dr. Vinoth Kumar K Mr. Vinod Kumar S Dr. Mahesh M	PID Controller Based Self Stabilizing for Inertia Platform using Electrical Parallel Technology	December 2022	2022 IEEE 2nd Mysore Sub Section International Conference (MysuruCon)	-	-	1	4	Scopus	Conference	https://doi.org/10.1109/MysuruCon55714.2022.9972439
19	Mr. Satish Kumar D Dr. Vinoth Kumar K	An Accident Identification and Alerting System by Using Raspberry Pi	December 2022	2022 IEEE 2nd Mysore Sub Section International Conference (MysuruCon)	-	-	1	4	Scopus	Conference	https://doi.org/10.1109/MysuruCon55714.2022.9972676
20	Dr. Vinoth Kumar K	A Review of Theft Diagnosis from Smart Energy Meter Using IoT	January 2023	2022 6th International Conference on Electronics, Communication and Aerospace Technology	-	-	526	529	Scopus	Conference	https://doi.org/10.1109/ICECAA55336.2022.10009567
21	Mr. Satish Kumar D Dr. Vinoth Kumar K	Implementation of Smart Vehicle Accident Detection using Raspberry Pi in Smart Cities	December 2022	2022 4th International Conference on Inventive Research in Computing Applications (ICIRCA)	-	-	1611	1614	Scopus	Conference	https://doi.org/10.1109/ICIRCA54612.2022.9985762

22	Ms. Manochitra G Dr. Vinoth Kumar K	A Review of Sequential Control & Monitoring of Distribution Lines in Substations	February 2023	2022 International Conference on Automation, Computing and Renewable Systems (ICACRS)	-	-	1	4	Scopus	Conference	https://doi.org/10.1109/ICACRS55517.2022.10029006
23	Dr. Vinoth Kumar K	A Review of Remote Health Monitoring System for Patients using IoT	February 2023	2022 International Conference on Automation, Computing and Renewable Systems (ICACRS)	-	-	1	4	Scopus	Conference	https://doi.org/10.1109/ICACRS55517.2022.10028995
24	Dr. Vinoth Kumar K	A Review of Dynamic Wireless Power Transfer System Technology used in Solar Wireless Electric Vehicle Charging Stations	February 2023	2022 International Conference on Automation, Computing and Renewable Systems (ICACRS)	-	-	1	4	Scopus	Conference	https://doi.org/10.1109/ICACRS55517.2022.10029261
25	Ms. Kavitha Chenna Reddy Dr. Vinoth Kumar K	A Review on Autopilot using Neuro Evaluation of Augmenting Topologies	March 2023	2023 International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT)	-	-	573	577	Scopus	Conference	https://doi.org/10.1109/IDCIoT56793.2023.10053395
26	Mr. Satish Kumar D Dr. Joshua Daniel Raj	Herbs Ailment Diagnosis using AI Techniques for Sustainable Innovation in Agriculture	March 2023	2023 4th International Conference on Innovative Trends in Information Technology (ICITIT)	-	-	1	4	Scopus	Conference	https://doi.org/10.1109/ICITIT57246.2023.10068575
27	Dr. Sujitha S	Solar Powered Multi-functional Agricultural Robot	March 2023	2022 International Conference on Knowledge Engineering and Communication Systems (ICKES)	-	-	1	4	Scopus	Conference	https://doi.org/10.1109/ICKES56523.2022.10060837
28	Dr. Sujitha S Ms. Surat Pyari Atti	Artificial Intelligence based Self-Driving Car using Robotic Model	March 2023	2023 Third International Conference on Artificial Intelligence and Smart Energy (ICAIS)	-	-	1	4	Scopus	Conference	https://doi.org/10.1109/ICAIS56108.2023.10073726
29	Dr. Vinoth Kumar K Dr. Sujitha S	Analysis of weather monitoring system integrated with renewable energy using IoT technology	March 2023	2022 Fourth International Conference on Cognitive Computing and Information Processing (CCIP)	-	-	1	4	Scopus	Conference	https://doi.org/10.1109/CCIP57447.2022.10058667
30	Dr. Sujitha S	Solar Powered Autonomous Multipurpose Agricultural Robot Using Bluetooth	April 2023	2023 Second International Conference on Electronics and Renewable Systems (ICEARS)	-	-	1	4	Scopus	Conference	https://doi.org/10.1109/ICECA.2019.8821919
31	Mr. Vinod Kumar S Dr. Sujitha S	Study of Interfacing PLC With HMI for Industrial Applications	April 2023	2023 Second International Conference on Electronics and Renewable Systems (ICEARS)	-	-	1	4	Scopus	Conference	https://doi.org/10.1109/ICEARS56392.2023.10084927
32	Dr. Sujitha S	Design and Fabrication of Quad Bike For Physically Challenged Person	April 2023	2022 International Conference on Smart Generation Computing, Communication and Networking (SMART GENCON)	-	-	1	4	Scopus	Conference	https://doi.org/10.1109/SMARTGENCON56628.2022.10084305
33	Dr. Sujitha S	Electric Quad Bike with Hybrid Charging Mode for Physically Challenged	April 2023	2023 7th International Conference on Computing Methodologies and Communication (ICCMC)	-	-	1	4	Scopus	Conference	https://doi.org/10.1109/ICCMC56507.2023.10084320
34	Mr. Vinod Kumar S Dr. Mahesh M	Study of Stepper Motor Control using Programmable Logic Controller (PLC) based on Industry 4.0	April 2023	2022 International Conference on Smart Generation Computing, Communication and Networking (SMART GENCON)	-	-	1	4	Scopus	Conference	https://doi.org/10.1109/SMARTGENCON56628.2022.10083617
35	Dr. Vinoth Kumar K	IoT Detection based Energy Meter Integrated with Smart Devices	April 2023	2023 Second International Conference on Electronics and Renewable Systems (ICEARS)	-	-	1	4	Scopus	Conference	https://doi.org/10.1109/ICEARS56392.2023.10085200
36	Ms. Surat Pyari Atti	A Fiber-Wireless Monitoring System with a QoE Instrument for Smart Grid Technology	April 2023	2023 Second International Conference on Electronics and Renewable Systems (ICEARS)	-	-	404	410	Scopus	Conference	https://doi.org/10.1109/ICEARS56392.2023.10085662
37	Mr. Sunil S K Dr. Sujitha S	Artificial Intelligence and IoT based detection of pesticide in organic fruits and vegetables	April 2023	2023 International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (IITCEE)	-	-	1	4	Scopus	Conference	https://doi.org/10.1109/IITCEE57236.2023.10091032
38	Ms. Anitha A Dr. Vinoth Kumar K	Non-Invasive Method of Detecting Anemia using AI & IoT	April 2023	2023 International Conference on Innovative Data Communication Technologies and Application (ICIDCA)	-	-	805	808	Scopus	Conference	https://doi.org/10.1109/ICIDCA56705.2023.10099915
39	Ms. Pooja Jose Dr. Sujitha S	A Novel EV Charging Using Stationary Bike	May 2023	2023 3rd International Conference on Innovative Practices in Technology and Management (ICIPTM)	-	-	1	2	Scopus	Conference	https://doi.org/10.1109/ICIPTM57143.2023.10117886
40	Mr. Kartheek Vankadara Dr. Sujitha S	Study of Battery Management System using Watchdog Software	May 2023	2023 3rd International Conference on Innovative Practices in Technology and Management (ICIPTM)	-	-	1	4	Scopus	Conference	https://doi.org/10.1109/ICIPTM57143.2023.10118055
41	Dr. Mohan Das R	Implementation of Accident Detection and Reporting System Using IOT	May 2023	2023 3rd International Conference on Innovative Practices in Technology and Management (ICIPTM)	-	-	1	5	Scopus	Conference	https://doi.org/10.1109/ICIPTM57143.2023.10118329
42	Dr. Mohan Das R	Analysis Of Electrical Parameters For Formula Style Electric Vehicle	May 2023	2023 3rd International Conference on Innovative Practices in Technology and Management (ICIPTM)	-	-	1	5	Scopus	Conference	https://doi.org/10.1109/ICIPTM57143.2023.10118279
43	Mr. Kodandapani Depa Dr. Mohan Das R	Automated Tumbler Cleaner	May 2023	2023 3rd International Conference on Innovative Practices in Technology and Management (ICIPTM)	-	-	1	4	Scopus	Conference	https://doi.org/10.1109/ICIPTM57143.2023.10118176
44	Dr. Joshua Daniel Raj Ms. Sangeetha C N	Wild Animals Intrusion Detection for Safe Commuting in Forest Corridors using AI Techniques	May 2023	2023 3rd International Conference on Innovative Practices in Technology and Management (ICIPTM)	-	-	1	4	Scopus	Conference	https://doi.org/10.1109/ICIPTM57143.2023.10117831
45	Ms. Soumya K V Dr. Sujitha S Dr. Mohan Das R	Silent Surveillance Autonomous Drone For Disaster Management And Military Security Using Artificial Intelligence	May 2023	2023 3rd International Conference on Innovative Practices in Technology and Management (ICIPTM)	-	-	1	4	Scopus	Conference	https://doi.org/10.1109/ICIPTM57143.2023.10118136

46	Ms. Karthika M Dr. Mohan Das R	Solar Fed Flood Alert System Using Arduino	June 2023	2023 IEEE 3rd International Conference on Technology, Engineering- Management for Societal impact using Marketing, Entrepreneurship and Talent (TEMSMET)	-	-	1	7	Scopus	Conference	https://doi.org/10.1109/TEMSMET56707.2023.10150080
47	Ms. Karthika M	Torque Ripple Reduction Control Strategies of Sensor and Sensorless BLDC Motor: A Review	February 2023	Lecture Notes in Electrical Engineering	947	-	1	15	Scopus	Book Chapter	https://doi.org/10.1007/978-981-19-5936-3_63
48	Ms. Anitha A	Bi-directional DC-DC Converters and Energy Storage Systems of DVR—An Analysis	March 2023	Advances in Cognitive Science and Communications	33	-	469	480	Scopus	Book Chapter	https://doi.org/10.1007/978-981-19-8086-2_46