



CONFERENCE PUBLICATIONS 2021-22

S.No.	Name of the Faculty	Title of Publication	Journal Name	Conference Name	Conference Details	DOI
1	Dr. T. Anuradha	5G Network Virtualization for the Remote Driving Enhancement	IEEE Xplore	2021 4th International Conference on Computing and Communications Technologies (ICCCT)	Sri Sai Ram Engineering College, Chennai from 16th to 17th December 2021.	
2	Dr. T. Anuradha	Improving the Performance Efficiency of Village Pond Cleaner Using Arduino in the Basis of Bluetooth Controlled Process	IEEE Xplore	2021 Second International Conference on Electronics and Sustainable Communication Systems (ICESC)	Hindustan Institute of Technology, Coimbatore, 4 th -6 th august 2021	DOI: 10.1109/ICESC514 22.2021.9532762
3	Dr. T. Anuradha	Broadcasting of IOT- connected automation vehicles in VANETS using artificial intelligence	IEEE Xplore	2021 5th International Conference on Electronics, Communication and Aerospace Technology (ICECA)	RVS Technical Campus in Coimbatore, 2 nd -4 th December 2021	DOI: 10.1109/ICECA523 23.2021.9676127





4	Dr. T. Anuradha	Bidirectional Flyback DC- DC Converter for Solar PV - Battery System	IEEE Xplore	Computing, Communication and Green Engineering (CCGE), International Conference on	JSPM's Rajarshi Shahu College of Engineering, Pune 23 rd -25 th September 2021	DOI: 10.1109/CCGE5094 3.2021.9776460
5	Dr. T. Anuradha	Power Management on A Fuzzy Base Small Scale Microgrid Based on Hybrid Wind and Solar Battery	IEEE Xplore	2021 3rd International Conference on Advances in Computing, Communication Control and Networking (ICAC3N)	Greater Noida, India. 17 th -18 th December	https://ieeexplore.ie ee.org/document/97 25461
6	Ms. M. Shanmugapriya	Evolution Of Outcome Based Engineering Education In India – A Case Study	IEEE Xplore	2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS)	Sri Eshwar College of Engineering in Coimbatore, March 19 th -20 th , 2021.	DOI: 10.1109/ICAC CS51430.2021.9441 676
7	Dr. J.S. Prasath	Dynamic Key Generation Mechanism to Strengthen the Data Security	IEEE Xplore	2021 International Carnahan Conference on Security Technology (ICCST)	by University of	DOI: 10.1109/ICCST495 69.2021.9717370





					11-15 Oct. 2021	
8	Dr. T. Anuradha	Optimization Strategies for High-Speed Electrical Trains Based on Artificial Intelligence for Cost and Energy Reduction	IEEE Xplore	2022 International Conference on Electronics and Renewable Systems (ICEARS)	St. Mother Theresa Engineering College (MTEC) in Thoothukudi, Tamil Nadu, 16-18 March 2022	RS53579.2022.9752
9	Dr. T. Anuradha	Machine Learning for the Assessment of Transient Stability of Power Systems	IEEE Xplore	2022 6th International Conference on Intelligent Computing and Control Systems (ICICCS)	Amrita Vishwa Vidyapeetham University in Coimbatore, Tamil Nadu 25-27 May 2022	DOI: 10.1109/ICIC CS53718.2022.9788 363
10	Dr. T. Anuradha	Performance Comparison of Various SPV Module Connections in Partial Shading Conditions	IEEE Xplore	Structures and Systems	Saveetna Engineering	DOI: 10.1109/ICSS S54381.2022.97821 89
11	Dr. T. Anuradha	Prediction of Maintenance Time and IoT Device Failures using Artificial Intelligence	IEEE Xplore	2022 Second International Conference on Advances in Electrical, Computing, Communication and	Shri Shankaracharya Technical Campus (SSTC) in Bhilai, Chhattisgarh 21-22 April 2022	DOI: 10.1109/ICAE CT54875.2022.980 8060





				Sustainable Technologies (ICAECT)		
12	Dr. T. Anuradha	The Performance Evaluation of Adaptive Energy Conservation Scheme Using IoT	Springer - Ubiquitous Intelligent Systems - Smart Innovation, Systems and Technologies	International Conference on Ubiquitous Computing and Intelligent Information Systems	Shree Venkateshwara Hi-Tech Engineering College, 25th February 2021	
13	Dr. T. Anuradha	Power Management on A Fuzzy Base Small Scale Microgrid Based on Hybrid Wind and Solar Battery	IEEE Xplore	2021 3rd International Conference on Advances in Computing, Communication Control and Networking (ICAC3N)	Galgotias College of Engineering and Technology in Greater Noida, India. 17-18 Dec. 2021	
14	Dr. T. Anuradha	Bidirectional Smart Grid Communication Platform with Network Devices: A Case Study	IEEE Xplore	2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA)	Kumaraguru College of Technology in Coimbatore, 8-9 Oct. 2021	





CONFERENCE PUBLICATIONS 2022-23

S.No.	Name of the Faculty	Title of Publication	Journal Name	Conference Name	Conference Details	DOI
1	Dr. T. Anuradha	Application of Synthetic Aperture Radar (SAR) based Control Algorithms for the Autonomous Vehicles Simulation Environment,	IEEE Xplore	2022 International Conference on Edge Computing and Applications (ICECAA)	Gnanamani College of	<u>doi:</u> 10.1109/ICECAA55415. 2022.9936273
2	Dr. T. Anuradha Edwin Emanuel Rajan Karthi C H Ramya R	Load based Fuzzy Controller for Bipolar Stepper Motor	IEEE Xplore	2022 4th International Conference on Inventive Research in Computing Applications (ICIRCA)	Coimbatore Tamil	10.1109/ICIRCA54612. 2022.9985770
3	Dr. R. Murugan Parthasarathy P, Ragul Dayananth G J Umeshwaran B	Design of 24 Watts SEPIC DC-DC Converter for Renewable Source Applications	IEEE Xplore	2022 4th International Conference on Inventive Research in Computing Applications (ICIRCA)	Technology in	10.1109/ICIRCA54612. 2022.9985635
4	Ms. R. Gayathri	Three Phase Buck Boost Converter with	IEEE Xplore	2022 4th International	_	DOI: 10.1109/ICIRCA54612.





	Hayma Varshine Y , Somasubharna K, Suraj D	PFC for Indian Rails		Conference on Inventive Research in Computing Applications (ICIRCA)	Technology in Coimbatore, Tamil Nadu, 21st -23rd Sept. 2022	2022.9985660
5	Ms. A.V. Suganya Aaron Peter, S Mithun, Sooriyanarayanan	Medical Robot Docking System	IEEE Xplore	2022 4th International Conference on Inventive Research in Computing Applications (ICIRCA)	Nadu,	DOI: 10.1109/ICIRCA54612. 2022.9985693
6	Ms. B. Brindha Sakthi Thirukumaran, Divya Dharshan K, Kishore D	Design and Development of Grass Cutter using Solar Renewable Energy Source	IEEE Xplore	2022 4th International Conference on Inventive Research in Computing Applications (ICIRCA)	Technology in Coimbatore, Tamil	DOI: 10.1109/ICIRCA54612. 2022.9985636
7	Ms. Jitha Varghese Arish T, Janani R, Revathy T	A Smart Voltage Control Strategy using SEPIC Converter for DC Microgrid	IEEE Xplore	2022 4th International Conference on Inventive Research in Computing Applications (ICIRCA	Technology in Coimbatore, Tamil	DOI: 10.1109/ICIRCA54612. 2022.9985610





8	Mr. A. Arvin Tony Ashwin J Santhana Bharathy R, Sathish Kumar U	Design of Energy Management System for College Campus	IEEE Xplore	2022 4th International Conference on Inventive Research in Computing Applications (ICIRCA		DOI: 10.1109/ICIRCA54612. 2022.9985527
9	Dr. T. Anuradha	Global Identification Passport: A Unique Cloud based Passport Model	IEEE Xplore	2023 5th International Conference on Smart Systems and Inventive Technology (ICSSIT)	Francis Xavier Engineering College, Tirunelveli, 23 rd -25 th , January 2023	DOI: 10.1109/ICSSIT55814.2 023.10061108
10	Dr. T. Anuradha	Voltage and Frequency Control of a PV-Battery-Diesel Generator based Standalone Hybrid System	IEEE Xplore	2022 IEEE International Conference on Power Electronics, Drives and Energy Systems (PEDES)	Malaviya National Institute of Technology (MNIT) Jaipur, Rajasthan 14 th -17th December 2022	10.1109/PEDES56012.2 022.10080764
11	Dr. T. Anuradha	Power Quality Improvement of Hybrid Standalone Microgrid with DSTATCOM during Faults on Distribution Line	IEEE Xplore	2022 IEEE International Conference on Power Electronics, Drives and Energy Systems (PEDES)	Malaviya National Institute of Technology (MNIT) Jaipur, Rajasthan 14 th -17th December 2022	DOI: 10.1109/PEDES56012.2 022.10080027





12	Ms. B. Brindha Sakthi Dr. P. Deiva Sundari	A Wireless Power Transfer (WPT) System for Series – Series Compensation topology in Electric Vehicle Battery Charging Applications	IEEE Xplore	2023 IEEE 8th International Conference for Convergence in Technology (I2CT)	Convergence in Technology (I2CT),Pune	DOI: 10.1109/I2CT57861.202 3.10126399
13	Mr. S. Balaji Dr. P. Deiva Sundari	COMSOL FEA Modeling of Square and Cirular coil for Inductive Power Transfer in Electric Vehicle Systems	IEEE Xplore	2023 Third International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT)	Shri Shankaracharya Technical Campus (SSTC) in Bhilai, Chhattisgarh, India	DOI: 10.1109/ICAECT57570. 2023.10117968





CONFERENCE PUBLICATIONS 2023-24

S.No.	Name of the Faculty	Title of Publication	Journal Name	Conference Name	Conference Details	DOI
1	Dr. T. Anuradha	The State-of-the-art Energy Management Strategy in Hybrid Electric Vehicles for Real-time Optimization	IEEE	2023 International Conference on Inventive Computation Technologies (ICICT)		https://ieeexplore.ieee.org /document/10134496
2	Dr. T. Anuradha	Simulation of the Electrical Control Unit (ECU) in Automated Electric Vehicles for Reliability and Safety Using On-Board Sensors and Internet of Things	IEEE Xplore	2023 Fifth International Conference on Electrical, Computer and Communication Technologies (ICECCT)	Velalar College of Engineering and Technology in Erode, from 22 nd – 24 th February, 2023.	DOI: 10.1109/ICECCT56650.2 023.10179682
3	Dr. T. Anuradha	Pattern Recognition and Modelling in Electrocardiogram Signals: Early Detection of Myocardial Ischemia and Infraction		2023 2nd International Conference on Edge Computing and Applications (ICECAA)	Gnanamani College of Technology, Namakkal, Tamil Nadu, 19 th -21 st July, 2023.	10.1109/ICECAA58104.2 023.10212133
4	Dr. T. Anuradha	Evaluation of a Wireless Sensor Network for the Detection of Forest Fires	IEEE Xplore	2023 2nd International Conference on Edge Computing and Applications (ICECAA)	Gnanamani College of Technology, Namakkal, Tamil Nadu, 19 th -21 st July, 2023.	10.1109/ICECAA58104.2 023.10212390





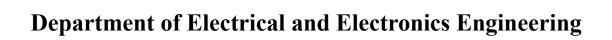
5	Dr. T. Anuradha	Analysis of Electroencephalographic Signals to Study the Behavior of Brain Frequencies for the Study of Academic Stress	IEEE Xplore	2023 2nd International Conference on Automation, Computing and Renewable Systems (ICACRS)	1 11 -17	DOI:10.1109/ICACRS58 579.2023.10404760
6	Dr. T. Anuradha	Conceptualization of a Cardiac Monitoring System via Bluetooth Communication Protocol to Mobile Devices	IEEE Xplore	2024 2nd International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT)	Bengalulu,	DOI:10.1109/IDCIoT597 59.2024.10467457
7	Dr. T. Anuradha Ms. A V Suganya	Development of a Grid- Connected Microinverter Based on the Integration of the CUK Converter with a Switchgear Structure	IEEE Xplore	2024 2nd International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT)	Ath oth Y	10.1109/IDCIoT59759.20 24.10468042
8	Dr. T. Anuradha	Traffic Sign Detection Problems using Convolutional Neural Techniques in Image Processing	IEEE Xplore	2024 International Conference on Intelligent Systems for Cybersecurity (ISCS)	Oniversity.	DOI: 10.1109/ISCS61804 .2024.10581183
9	Ms. Jitha Varghese	FLC Control Based Sepic for Power Factor Correction	IEEE Xplore	2024 5th International Conference on Innovative	Indian Institute of Information Technology (IIIT) Kottayam, Kerala,	





				Trends in Information Technology (ICITIIT)	15 th –16 th March, 2024	
10	Dr. T. Anuradha	Thyroid Nodule Classification Model from Scintigraphy Images using Convolution Neural Networks	IEEE Xplore	2024 5th International Conference on Innovative Trends in Information	Indian Institute of Information Technology (IIIT) Kottayam, Kerala, 15 th -16 th March, 2024	DOI: 10.1109/ICITIIT614 87 2024 10580411







CONFERENCE PUBLICATIONS 2024-25

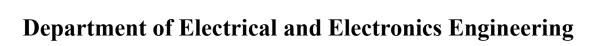
S.No.	Name of the Faculty	Title of Publication	Journal Name	ConferenceDetails	Month & Year	DOI
1	Ms. A. V. Suganya	Cascaded H-Bridge 15 Level Inverter with Reduced Switch Count	IEEE Explore	2024 International Conference on Signal Processing and Advance Research in Computing (SPARC)	Amity University, Lucknow Campus, on 12-13 September, 2024.	<u>DOI:</u> 10 1109/SPARC61891 2
2	Dr. L. Pattathu Rani	Seagull Optimization Algorithm for Underwater Sensor Network Localization	IEEE Explore	2024 IEEE International Conference on Communication, Computing and Signal Processing (IICCCS)	IEEE International Conference on Communication, Computing and Signal Processing (IICCCS) will take place in Asansol, on September 19 th - 20 th , 2024	DOI: 10.1109/IICCCS6 1609.2024.10763890
3	Dr.T.Anuradha Ayush Pandey, Mathi Yuvarajan T K	Automated machine learning for DC micro grid operation security	NA	ICEAI (International conference on evolutionary AI) 2024, Organized by RVS college of Engineering and Technology,	Taylor's University, Malaysia	NA





				Coimbatore in association with.		
4	Bharath Raj S, Giridharan K, Kamaliga S	SEPIC Converter based EV Charger with improved protection function and battery management system	NA	International Conference on Communication and Electronics System ICCES 2024 16-18 December 2024	PPG Institute of Technology, Coimbatore.	NA
5	Munnodi J , Tamilselvan B, Vaishnavi D	Cascaded 9 level inverter with reduced switch	NA	International Conference on Recent Trends and Development in Electrical and Power Engineering (ICRTDEPE 2024)	bharath institute of higher education and research	NA
6	Ameesh T, Ashwin D, Karthikraja C	Simulation and performance analysis of CCM Zeta converter with PIC controller	NA	International Conference on Globalization and Intelligent Educational Technology,	Annasaheb Dange College of Engineering and Technology (ADCET), Ashta, Maharashtra, India	NA
7	Arivasagan K, Ellangovan K, Jayaprakash Syam Prakash	Interleaved single input multiple output DC-DC converter for EV charging application	NA	International Conference on Communication and Electronics System ICCES 2024 16-18 December 2024	PPG Institute of Technology, Coimbatore.	NA

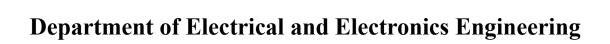






8	Ilakkiya C S, Inthira C S, Divakaran.K	IOT based automatic braking system for E- BIKES	NA	International Conference on Globalization and Intelligent Educational Technology,	Annasaheb Dange College of Engineering and Technology (ADCET 24), Ashta, Maharashtra, India	NA
9	Selvaraji N, Jaysriram.P, Sri Sivaraman K	Energy Conservation through Illuminance Control in Lighting Systems using Sensor-Based Arduino Control		Conference on Globalization and Intelligent Educational Technology, Organized by	Annasaheb Dange College of Engineering and Technology (ADCET 24), Ashta, Maharashtra, India	NA
10	Dinesh S, Kishore Kumar A, Sasi Kumar S	Design and Implementation of Single-phase reduced switch 15 level inverter	NA	International Conference on Recent Trends and Development in Electrical and Power Engineering (ICRTDEPE 2024)	Bharath institute of higher education and research	NA
11	Allen Thomas B, Dineshkumar R A, Ekalaivan.V	A Novel Split Inductor High Gain SEPIC Convertor for Renewable Energy Application	NA	International Conference on Recent Trends and Development in Electrical and Power Engineering (ICRTDEPE 2024)	Bharath institute of higher education and research	NA







12	Premkumar M, Anirban Manna, Ragulraj.B	EV battery management system with charger monitoring and fire protection	NA	International Conference on Recent Trends and Development in Electrical and Power Engineering (ICRTDEPE 2024)	Bharath institute of higher education and research	NA
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