

K.L.N College of Engineering
(An Autonomous Institution, Affiliated to Anna University, Chennai)
Department of Electrical and Electronics Engineering
List of Publication of International/National Conference - Academic year 2023-2024

S.No	Authors Name	Title of the paper	Conference Name	Venue	Date
1.	Dr.S.M.Kannan, D. Anil Kumar, J.P. Chandrual, S.G. Prathyushbabu	Design of Single Switch improved high gain Boost Converter with reduced voltage stress	International Conference on Sustainable Development in Engineering and Technology ICSDET'24	K.L.N. College Of Engineering	2024 April
2.	Dr S.M.Kannan Sivaseshan S S Velmurugan S Vishwha Karthickeyan M	Improvement of Solar Energy Load Management based on IoT Integrated MPPT Charge Controller	International Conference on Sustainable Development in Engineering and Technology ICSDET'24	K.L.N. College Of Engineering	2024 April
3.	Dr.Venkatesan, S.Amirtha, S.S.Dharini Subha, M.U.Thirisha	Design and Analysis of cascaded Buck-Boost Converter using Solar MPPT method for electric vehicle charging applications	International Conference on Sustainable Development in Engineering and Technology ICSDET'24	K.L.N. College Of Engineering	2024 April
4.	Dr.S.Venkatesan Adithya Chiranjeevi K S Gokul Ganesh S Sehwag S	Underground cable fault detector	International Conference on Sustainable Development in Engineering and Technology ICSDET'24	K.L.N. College Of Engineering	2024 April
5.	Dr.K.Gnanambal, Dhirshigha U.T, Jaya Kamatchi M, Lakshmi Sekal S.	Efficient Utilization of Hybrid Power	International Conference on Sustainable Development in Engineering and Technology ICSDET'24	K.L.N. College Of Engineering	2024 April
6.	Dr.K.Gnanambal, A.Shandya Sree, K.S.Subalakshmi, M.Vijayalakshmi	RF Based Border Security System	International Conference on Sustainable Development in Engineering and Technology ICSDET'24	K.L.N. College Of Engineering	2024 April
7.	Dr.S.Parthasarathy Kasivelan S Lakshmanan M Raman M	Green Drive Charger- Harnessing Renewables for EV's Li-ion Batteries with Cutting-Edge Boost Converter	International Conference on Sustainable Development in Engineering and Technology ICSDET'24	K.L.N. College Of Engineering	2024 April
8.	Dr.S.Venkatanarayanan, A.R.Venkatesh Babu, K.Sugavanesh, B.Mohanram	Energy Audit in MSME Industries	International Conference on Sustainable Development in Engineering and Technology ICSDET'24	K.L.N. College Of Engineering	2024 April
9.	Dr S.Venkatanarayanan	Solar Power Prediction using deep learning techniques	RTAIBCTIOT – 2024	Sri Raajaraajan College of Engineering and Technology, Karaikudi	Jan 2024
10.	Dr S. Venkatanarayanan	Innovative analysis of power quality in	RTAIBCTIOT – 2024	Sri Raajaraajan College of	Jan 2024

		distribution system		Engineering and Technology, Karaikudi	
11.	Dr S. Venkatanarayanan	Performance Enhancement of MSME sector by conducting Energy Audit using Artificial Intelligence	RTAIBCTIOT – 2024	Sri Raajaraajan College of Engineering and Technology, Karaikudi	Jan 2024
12.	Dr S. Venkatanarayanan	Dragon fly optimization to improve SAPV system Efficiency through IOT in real world weather conditions	RTAIBCTIOT – 2024	Sri Raajaraajan College of Engineering and Technology, Karaikudi	Jan 2024
13.	Dr S.Venkatanarayanan	Solar Power Prediction using deep learning techniques	Innovative Trends in IT (IC2IT23)	Alagappa University Karaikudi	Jan 2024
14.	Dr S.Venkatanarayanan	Smart Health Monitoring of the PV and the early fault identification using ANN	Innovative Trends in IT (IC2IT23)	Alagappa University Karaikudi	Jan 2024
15.	Dr S.Venkatanarayanan	Power quality of multilevel inverter using novel techniques for medical equipment	Innovative Trends in IT (IC2IT23)	Alagappa University Karaikudi	Jan 2024
16.	Dr S.Venkatanarayanan	Hybrid solar power prediction using artificial intelligence	Innovative Trends in IT (IC2IT23)	Alagappa University Karaikudi	Jan 2024
17.	Dr S.Venkatanarayanan	Detection of choroid and retinal thickness by Si-Au MEMS sensor in Oct	Innovative Trends in IT (IC2IT23)	Alagappa University Karaikudi	Jan 2024
18.	Dr S.Venkatanarayanan	An internet things based joint energy auditing energy conservation and energy management system for industries	Innovative Trends in IT (IC2IT23)	Alagappa University Karaikudi	Jan 2024
19.	Dr S.Venkatanarayanan	Hybrid feature extraction for solar energy prediction using catbooster classifier	Innovative Trends in IT (IC2IT23)	Alagappa University Karaikudi	Jan 2024
20.	Mr A.Marimuthu Karthi K Namashivaya R Shyam K	Charging of car battery in electric vehicle using wind energy	International Conference on Sustainable Development in Engineering and Technology ICSDET'24	K.L.N. College Of Engineering	2024 April
21.	Dr. P. Loganthurai, S.P. Jeyaram, M. Yokes Kumar, K. Yawin	Effective Utilization of Solar energy and batteries in dual battery electric	International Conference on Sustainable Development in Engineering and Technology ICSDET'24	K.L.N. College Of Engineering	2024 April

		vehicles			
22.	Dr.M.Jegadeesan, K.Alagupandi, G.R.Arunachalam, K.Muthu Kumar.	Design and Implementation of Single-input-multi-output DC-DC Converter topology for Electric Vehicles	International Conference on Sustainable Development in Engineering and Technology ICSDET'24	K.L.N. College Of Engineering	2024 April
23.	Dr.M.Ganesh Kumari, M Aarthi, J Elakkia, V Jayasutha.	Design and Implementation of cloud based Automatic street light management system	International Conference on Sustainable Development in Engineering and Technology ICSDET'24	K.L.N. College of Engineering	2024 April
24.	Dr.M.Ganesh Kumari D Sangeetha P Swathi	Power Quality Enhancement for Voltage Sag Disturbances	International Conference on Sustainable Development in Engineering and Technology ICSDET'24	K.L.N. College Of Engineering	2024 April
25.	Dr.M.Ganesh Kumari	Effective Utilization of Solar PV system for small power Applications	National Conference on Information and Communication Technologies(NCICT'24)	SSN College of Engineering	Feb 29 -Mar 1 2024
26.	Dr.M.Ganesh Kumari, M.Aarthi, J.Elakkia	Wireless Solar Charging System for Electric Mobility	International Conference on Sustainable Development in Engineering and Management (ICSIEM) 2024	Sri Krishna College of Technology, Coimbatore.	17.04. 2024
27.	Mr. M. Jeyamurugan, T. Pragatheswaran S. Prathish Kumar M. Gokul Anand	Smart Waste Bin Monitoring System using Arduino	International Conference on Sustainable Development in Engineering and Technology ICSDET'24	K.L.N. College Of Engineering	2024 April
28.	Mr. M. Jeyamurugan, S. Surya R.Santhosh S.Surya Prakash	Industrial Waste Water Monitoring using IoT	International Conference on Sustainable Development in Engineering and Technology ICSDET'24	K.L.N. College Of Engineering	2024 April
29.	Mr.M.Balamurugan, M.Gowthaman A.Karunanithi	Line Fault Detection with GSM	International Conference on Sustainable Development in Engineering and Technology ICSDET'24	K.L.N. College Of Engineering	2024 April
30.	Mr.R.Jeyapandiprathap, Dinesh T, Hemananthakumar C Karthikeyan S	Efficient QR-Driven Component Dispensing System for Seamless Industrial Automation	International Conference on Sustainable Development in Engineering and Technology ICSDET'24	K.L.N. College Of Engineering	2024 April
31.	Mr. R.Jeyapandi Prathap K. Praveen Surya Rao A. Gokul Krishna J.Theivasilakiam	Integration Of Artificial Intelligence In 3D Printing In Industry	International Conference on Sustainable Development in Engineering and Technology ICSDET'24	K.L.N. College Of Engineering	2024 April
32.	Mr.N.Vimal Radha Vignesh, Karthik M, Perinban M, Saran Prasanna S.	Design and Implementation of an efficient energy conservation system.	International Conference on Sustainable Development in Engineering and Technology ICSDET'24	K.L.N. College Of Engineering	2024 April
33.	Mr. N.Vimal Radha Vignesh, R.P.S. Sri Bava,	A Noval Approach for Revolutionizing clean living with Advanced	International Conference on Sustainable Development in Engineering and Technology	K.L.N. College Of Engineering	2024 April

	R. Sampath Kumar, P. Sanjay Kumar.	air purification technology	ICSDET'24		
34.	A.Manoj R.Karthigai Selvan T. Naveen Kumar S. Ragul Krishna	Maximizing agriculture yield using UV Ray and IoT	International Conference on Sustainable Development in Engineering and Technology ICSDET'24	K.L.N. College Of Engineering	2024 April
35.	Mr R.Thangasankaran	Enhancing Manufacturing Plant efficiency Predictive maintenance of electrical installations using thermal imaging technology	International Conference on Sustainable Development in Engineering and Technology ICSDET'24	K.L.N. College Of Engineering	2024 April
36.	Mr R.Thangasankaran	Investigation of applications of Novel converters for Hybrid renewable energy systems	2 nd international conference on Intelligent Data communication technologies and Internet of Things	REVA University, Bengaluru	4-6 Jan 2024