

K.L.N. COLLEGE OF ENGINEERING, POTTAPALAYAM
(An Autonomous Institution, affiliated to Anna University)
Department of Electrical and Electronics Engineering

List of Publications of International/National Journal by Faculty - Academic year 2023-2024

S.No	Authors Name	Title of the paper	Title of the Journal	Volume/Issue /Month & Year of Publications	ISBN/ ISSN Number	Indexed
1.	Dr.S.M.Kannan	Design of Single Switch improved high gain Boost Converter with reduced voltage stress	ESP Journal Engineering & Technology Advancements.	Vol: 4 Issue: 2 April 2024	ISSN : 2583-2646	
2.	Dr.S.M.Kannan	Improvement of Solar Energy Load Management based on IoT Integrated MPPT Charge Controller	International Research Journal Of Modernization In Engineering Technology & Science	Vol:6, issue:04 2024-April	ISSN:2582-5208	
3.	Dr S. Venkatesan Dr. P. Loganthurai Mr. A. Marimuthu	Design and Analysis of cascaded Buck-Boost Converter using Solar MPPT method for electric vehicle charging applications	ESP Journal of Engineering & Technology Advancements	Vol: 4 Issue: 2 April 2024	ISSN : 2583-2646	
4.	Dr.S.Venkatesan, Dr.S.M.Kannan, Dr.P.Loganthurai	Design and Analysis of Quadrupler boost converter and BMS for Electric Vehicle Battery Charging Applications	IRJMETS JOURNAL	Vol:6, issue:04 2024-April	ISSN:2582-5208	
5.	Dr K. Gnanambal, Mr N VimalRadhaVignesh	Underground cable fault detection using Arduino	AIP Conference Proceedings, 2023	Vol: 2831 Issue: 1 Sept 2023	ISSN 1551-7616	Scopus
6.	Dr K. Gnanambal	Efficient Utilization of Hybrid Power	JTSEIT JOURNAL	Vol:12, issue:05 April-2024	ISSN:1009-6744	
7.	Dr K. Gnanambal	Single-Phase Bridgeless Three-level Power Factor Correction	Journal of Transportation System Engineering and Information Technology	Vol:12, issue:05 2024-April	ISSN:1009-6744	
8.	Dr.S.Parthasarathy MrR.Thangasankaran	Green Drive Charger- Harnessing Renewables for EV's Li-ion Batteries with Cutting-Edge Boost Converter	JTSEIT	Vol12, Issue5 2024-April	ISSN NO :1009-6744	
9.	Dr S. Venkatanarayanan	An Optimized Design Modeling of PV Integrated SEPIC Based Single-Phase System	Technical Gazette	Vol:31 Issue:2 pp-518-524 2024	ISSN 1848-6339	Scopus
10.	Dr S. Venkatanarayanan	Competent Energy Executing Structure in the Solar Sheet in the IoT Environment	Electric Power Components and Systems	Vol 52, Issue 3 pp 445-456 2024	ISSN: 1532-5008	Scopus
11.	Dr S. Venkatanarayanan	Energy Audit in MSME Industries	Journal of Transportation System Engineering and Information Technology	Vol:12, issue:04 2024-April	ISSN:1009-6744	

12.	Dr S. Venkatanarayanan	Energy audit solutions for chemical industries	Journal of Transportation system Engineering and Information Technology	Vol 12 Issue 4 2024	1009-6744	
13.	Dr S. Venkatanarayanan	An IoT based optimization to improvise a PV Efficiency in Real world weather conditions	Journal of Transportation system Engineering and Information Technology	Vol 12 Issue 4 2024	1009-6744	
14.	Mr A. Marimuthu	Charging of car battery in electric vehicle using wind energy	ESP Journal of Engineering & Technology Advancements	Vol: 4 Issue: 2 April 2024	ISSN : 2583-2646	
15.	Dr. P. Loganthurai Dr. S. Venkatesan Mr A. Marimuthu	Effective Utilization Of Solar Energy and Batteries in Dual Battery in Electric Vehicles	Journal of Transportation System Engineering and Information Technology	Vol:12 issue:04 2024-April	ISSN:1009-6744	
16.	Dr.M.Jegadeesan	Design and Implementation of Single-input-multi-output DC-DC Converter topology for Electric Vehicles	ESP Journal of Engineering & Technology Advancements	Vol: 4 Issue: 2 April 2024	ISSN : 2583-2646	
17.	Dr.M.GaneshKumari	Active Voltage Restoration Technique for Elevating Power Quality	ESP Journal of Engineering & Technology Advancements	Vol: 4 Issue: 2 Mar 2024 PP 51-59	ISSN : 2583-2646	
18.	Mr.M. Jeyamurugan	Smart Waste Bin Monitoring System Using Arduino	ESP International Journal of communication Engineering & Electronics Technology	Vol: 2 Issue: 1 Feb 2024	ISSN : 2583-9217	
19.	Mr.M. Jeyamurugan	Industrial Waste Water Monitoring Using IoT	ESP Journal of Engineering & Technology Advancements	Vol: 4 Issue: 1 Mar 2024	ISSN : 2583-2646	
20.	Mr.M.Balamurugan	Line Fault Detection with GSM	Journal of Transportation System Engineering and Information Technology	Vol:6, issue:04 2024-April	ISSN:2582-5208	
21.	Mr.R.JeyapandiPrathap	Efficient QR Component Dispensing System for Seamless Industrial Automation	ESP Journal of Engineering & Technology Advancements	Vol: 4 Issue: 1 Mar 2024	ISSN : 2583-2646	
22.	Mr.R.JeyapandiPrathap	Integration of AI in 3D Printing	ESP Journal of Engineering & Technology Advancements	Vol: 4 Issue: 1 Mar 2024	ISSN : 2583-2646	
23.	Mr.N.VimalRadha Vignesh	Design and Implementation of an efficient energy conservation system.	Journal of Transportation System Engineering and Information Technology	Vol:12, issue:04 2024-April	ISSN:1009-6744	
24.	Mr.N.VimalRadha Vignesh	A Noval Approach for Revolutionizing clean living with Advanced air purification technology	ESP Journal of Engineering & Technology Advancements	Vol:4 issue:02 2024-April	ISSN no: 2583-2646	
25.	Mr.A.Manoj	Maximizing agriculture yield using UV Ray and IoT	ESP Journal of Engineering & Technology Advancements	Vol:4 issue:01 2024-April	ISSN no: 2583-2646	