

LIST OF PAPERS PUBLISHED IN 2024-25				
Name of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN
Dr. S Gopiya Naik	Wireless Remote Control and Monitoring of Irrigation Pump	International Journal of Engineering Research and Technology	May 25	2278-0181
	optimizing electric vehicle range through integrating rooftop solar on vehicle	International Journal of Electrical and Electronics Research(IJEER)	2024	2347-470
	An efficient architecture implementation of a golay code encoder in CMOS 45nm technology	AIP conference proceedings	29 February 2024	<u>Volume 2942,</u> <u>Issue 1</u>
	Power Management system for a hybrid energy storage electric vehicle using fuzzy logic controller	Bulletin of Electric Engineering and informatics	Jun-24	Vol. 13, No. 3, pp. 1443-1452 ,
	Epileptic Seizure Detection using Improved Empirical Mode Decomposition and Improved Weight Updated KNN	Journal of Intelligent & Fuzzy Systems	7th March 2024	Vol.46, No. 4, pp. 1-14, 2024
	A comparative analysis of energy consumption in conventional and electric vehicles	International Journal of vehicle performance	2024	pp 177-195
Dr.K M Mahesh Kumar	Design a novel SSSC based FOPID controller for the hybrid PV-DFIG-based system to enhance transient stability and dampen power oscillations	International Journal of Power Electronics and Drive System (IJPEDS)	2025	Volume 16,Issue 2, Pages 1368-1375
	Enhancing solar radiation forecasting using machine learning algorithms	Indonesian Journal of Electrical Engineering and Computer Science	2025	Volume 38, Issue 3 Pages 1463-1470

	A Bidirectional-LSTM-Based Fractional Power System Stabilizer for Effective Power Oscillation Damping,	2025 Fourth International Conference on Power, Control and Computing Technologies (ICPC2T), IEEE.	2025	
	Advanced Neuroprosthetic Wheel Chair with EMG Control	International Research Journal of Engineering and Technology.	May-25	Volume 12, Issue 05, 2395-2256
	A comparative investigation into bidirectional DC-DC converters with soft switching for electric vehicles	Journal of electrical sytems	2024	Vol.20,issue 5
B N Harish	Optimizing Cell Balancing Technique for Electric Vehicle Battery System.	International Journal of Innovative Research of science, Engineering and Technology	May -25	
	Photovoltaic Power Plant Performance Improvement with Electric Vehicle Integration: Integrated Control Strategies	SSRG International Journal of Electrical and Electronics Engineering	Apr-24	Volume 11 Issue 4, 72-86,ISS N: 2348-8379 /
H C Manohara	Automated Hydroponic Framing Using ESP-32 and IoT.	International Journal of Innovative Research of science, Engineering and Technology	May -25	Volume 14,Issue 5 2347-6710
Srinath M S	Yolo based Real time Fruit Disease Detection System	International Journal Emerging Technologies and Innovative Research.	May-25	Volume12, Issue 6,2349-51 62
	Reliability analysis of PMSM drives processor for commercial electric vehicle utility	Second International Conference on Emerging Trends in Information Technology and Engineering (ICETITE)IEEE	Feb-24	
Sukanya H N	Portable Automatic Hydraulic Jack	International Journal of Innovative Research of science, Engineering and Technology	May -25	Volume 13,2321-9 653

Gaana H	Implementation of Agricultural Crop Protection using Solar Rooftop PV panel.	International Journal of Innovative Research of science, Engineering and Technology	May -25	Volume 14, Issue 5, 2319-8752
Sushmitha K R	Multifunctional Integrated Converter for EV's : A unified platform for High-Voltage Charging , Low Voltage Support and V2G Operation	International Journal of Innovative Research of science, Engineering and Technology	May -25	Volume 14, Issue 5, 2319-8753

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Name of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN
Dr. S Gopiya Naik	Mitigation of power quality issues associated with grid integrated power system	International Journal Of Progressive Research In Engineering Management And Science (IJPREMS)	2023	2583-1062
	optimizing electric vehicle range through integrating rooftop solar on vehicle	International Journal of Electrical and Electronics Research(IJEER)	2024	2347-470
	Optimal Power Flow Management in Microgrids using Distributed Energy Resources	International conference on intelligent and sustainable power and energy Systems	September 2023.	Vol. 1295
	Power Management system for a hybrid energy storage electric vehicle using fuzzy logic controller	Bulletin of Electric Engineering and informatics	Jun-24	Vol. 13, No. 3, pp. 1443-1452 ,
	Epileptic Seizure Detection using Improved Empirical Mode Decomposition and Improved Weight Updated KNN	Journal of Intelligent & Fuzzy Systems	7th March 2024	Vol.46, No. 4, pp. 1-14, 2024
	A comparative analysis of energy consumption in conventional and electric vehicles	International Journal of vehicle performance	2024	pp 177-195
	Solar wind feed battery charging for electric	International Journal Of Progressive	2023	2583-1062

B N Harish	vehicles using MATLAB simulink	Research In Engineering Management And Science (IJPREAMS)		
	Bidirectional smart energy management charging from grid to vehicle and vehicle to load	International Journal Of Progressive Research In Engineering Management And Science (IJPREAMS)	2023	2583-1062
	Photovoltaic Power Plant Performance Improvement with Electric Vehicle Integration: Integrated Control Strategies	SSRG International Journal of Electrical and Electronics Engineering	Apr-24	Volume 11 Issue 4, 72-86,ISS N: 2348-8379 /
	Power quality disturbance mitigation in grid connected photovoltaic distributed generation with plug-in hybrid electric vehicle	International Journal of Electrical and Computer Engineering (IJECE)	December 2023	Vol. 13, No. 6,pp. 6025~6036, ISSN: 2088-8708 ,
D M Srinivasa	Review of PCB Motors: Advancements and Applications	Journal Of Emerging Technologies And Innovative Research (JETIR)	2023	2349-5162
	Revolutionizing Energy Storage with 3-D Printable Batteries: A Comprehensive Review	Journal Of Emerging Technologies And Innovative Research (JETIR)	Jun-23	2349-5162
	Design and fabrication of microcontroller based multipurpose robot	Journal Of Emerging Technologies And Innovative Research (JETIR)	Jul-23	2349-5162
Srinath M S	A Self-driving car Implementing machine learning with image processing	International Journal Of Progressive Research In Engineering Management And Science (IJPREAMS),	Jul-23	2583-1062
	Reliability analysis of PMSM drives processor for commercial electric vehicle utility	Second International Conference on Emerging Trends in Information Technology and Engineering (ICETITE)IEEE	Feb-24	

Anusha M K	Electricity generation from waste heat of thermal power plant by using thermoelectric generator	Journal Of Emerging Technologies And Innovative Research (JETIR)	July 2023	2349-5162
	Modern Smart street Light monitoring systems	International Journal for research in applied science & Engineering Technology(IJRASE T)	Sep-23	2321-9653
Sukanya H N	Wireless Charging Of electric vehicles by ZVS-IPT Topology	International Journal Of Progressive Research In Engineering Management And Science (IJPREAMS)	Jun-23	2583-1062
Gaana H	Location Detection for wireless charging of electric vehicle with real time tracking system	International Journal Of Progressive Research In Engineering Management And Science (IJPREAMS)	Jun-23	2583-1062
	Modern Smart street Light monitoring systems	International Journal for research in applied science & Engineering Technology(IJRASE T)	Sep-23	2321-9653
Sushmitha K R	Quality Control in Production line using Robotic Arm	Journal of Emerging Technologies and Innovative Research	July -2023	2349-5149

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Name of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN
Dr. S Gopiya Naik	Modelling and Simulation of Solar Energy Storage System for Electric Vehicle	International Conference on Futuristic Technologies, IEEE Bangalore section, 25-27, November 2022	2022	<a href="https://doi.org/10.1109/INCOFT55651.2022.10094323">https://doi.org/10.1109/INCOFT55651.2022.10094323</a>
	A novel study on EVs smart charging Optimization	International Conference on Emerging Research in Electronics, Computer Science	2023	<a href="https://doi.org/10.1109/ICERECT56837.20">https://doi.org/10.1109/ICERECT56837.20</a>

		and Technology (ICERECT) IEEE,15 March 2023.		22.10059758
	Battery Parameter Monitoring and Control System for Electric Vehicles	SSRG International Journal of Electrical and Electronics Engineering, Vol. 9, No.3, pp. 1-6, March 2022	2022	2348 – 8379
	Design of flexible floating point processing element architecture based on golay code strategy	International Journal of Wireless personal Communications (Springer Nature), Published online 24 February 2022	2022	<a href="https://doi.org/10.1007/s11277-022-09634-w">https://doi.org/10.1007/s11277-022-09634-w</a>
Dr.K M Mahesh Kumar	Modeling and simulation of partial discharge and calibration Circuit for void in solid insulation	Journal of Data Acquisition and Processing Vol. 38 (1) 2023. <a href="https://sjcjycl.cn/">https://sjcjycl.cn/</a> DOI: 10.5281/zenodo.7735496	ISSN: 1004-9037	2023
	Experimental investigation of partial discharge patterns of Mineral oil and synthetic ester oil	Advanced Engineering Science, Volume 54, Issue 02, December, 2022	ISSN: 2096-3246	2022
Harish B N	Review on power quality issues in electric vehicle interfaced distribution system and mitigation techniques	Indonesian Journal of Electrical Engineering and Computer Science Vol. 25, No. 2, February 2022, pp. 656~665 ISSN: 2502-4752, DOI: 10.11591/ijeecs.v25.i2.pp656-665	ISSN: 2502-4752, DOI: 10.11591	2022
	Comparison of DQ Method with $I \cos\phi$ Controller in solar power system Connected to grid with EV load	International Conference on Distributed Computing and Electrical Circuits and Electronics ICDCECE-APR22,Ballari ,Karnatka	<b>DOI: <a href="https://doi.org/10.1109/ICDCECE53908.2022.9792847">10.1109/ICDCECE53908.2022.9792847</a></b>	2022

		<b>DOI: 10.1109/ICDC ECE53908.2022.979 2847</b>		
	Solar wind feed battery charging for electric vehicles using MATLAB simulink	International Journal Of Progressive Research In Engineering Management And Science (IJPREAMS)	e-ISSN : 2583-1062	2023
	Bidirectional smart energy management charging from grid to vehicle and vehicle to load	International Journal Of Progressive Research In Engineering Management And Science (IJPREAMS)	e-ISSN : 2583-1062	2023
	Investigation of Electrical properties of Indigenous Natural Ester Liquid used as Alternate to Transformer Insulation for Power System Applications	Indonesian Journal of Electrical Engineering and Computer Science(IJEECS) Vol.29, No. 2, February 2023, pp. 609~617	DOI: 10.11591/ijeecs.v29.i2.p609	2023
Dr. D M Srinivasa	Internet of Things(IoT) based Energy Tracking and Bill estimation System	International Journal of Engineering and Management Research e-ISSN: 2250-0758, Volume-12, Issue-3, June 2022	DOI:10.31033/ijemr.12.3.24	2022
	Review of PCB Motors: Advancements and Applications	Journal Of Emerging Technologies And Innovative Research (JETIR) ISSN: 2349-5162   ESTD Year: 2014	2023 JETIR June 2023, Volume 10, Issue 6	2023
	Revolutionizing Energy Storage with 3-D Printable Batteries: A Comprehensive Review	Journal Of Emerging Technologies And Innovative Research (JETIR) ISSN: 2349-5162   ESTD Year: 2014	2023 JETIR June 2023, Volume 10, Issue 6	2023
	Design and fabrication of microcontroller based multipurpose robot	Journal Of Emerging Technologies And Innovative Research (JETIR) ISSN: 2349-5162   ESTD Year: 2014	2023 JETIR July 2023, Volume 10, Issue 6	2023
	Power Quality Enhancement in	American Institute of Physics Conference	ISSN: 0094-243X	2022

Dr.Sunil Kumar C	Grid-connected PV System for Z Source Inverter with Seagull Optimization Algorithm	AIP Conf. Proc. 2640, 020013-1–020013-1 1	ISBN: 978-0-7354-4395-2	
	Power Quality Improvement in Grid Integrated PV Systems with SOA Optimized Active and Reactive Power Control	Journal of Electrical Engineering and Technology Published online, 23 August 2022(SPRINGER)	ISSN-19750102	2022
	Bacterial Foraging and Seagull Optimization Algorithm based THD level Comparison for Fly back Converter in Grid Connected PV System	International Journal of Engineering Trends and Technology. Volume 70 issue 6, 379-394, June 2022	E-ISSN:2231-5381 P-ISSN:2349-0918	2022
Srinath M S	Enhancement of Charging Efficiency of Batteries for Electric Vehicles: Review	2022 Fourth International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT)	<b>INSPEC Accession Number:</b> 2777310, <a href="#">10.1109/ICERECT56837.2022.10060243</a>	2022-23
	OCC Design for N-Clock Domain for Low Cost ATE Platforms	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEICE), Vol.10, July 2022	Vol. 8, July 2020	2022-23
	A self driving car implementing machine learning with Image processing	International Journal Of Progressive Research In Engineering Management And Science (Ijprems)	e-ISSN : 2583-1062	2023
	Enhancement of Charging Efficiency of Batteries for Electric Vehicles: Review	2022 Fourth International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT)	<b>INSPEC Accession Number:</b> 2777310, <a href="#">10.1109/ICERECT56837.2022.10060243</a>	2022-23



Dr.Chethan H R	Stability Enhancement of DFIG Wind Farm Using SSSC With FOPID Controller	<i>Indonesian Journal of Electrical Engineering and Informatics</i> ,Vol.11, No.1,March 2023,pp.25-35	ISSN:2089-3272,DOI:10.52549/ijeei.v11i1.3992	2022-23
	Transient stability enhancement using optimized PI tuning of static synchronous series compensator in wind power conversion system	Frontiers in Energy Research,10.3389/fenrg.2023.1125408,10 february 2023	10.3389/fenrg.2023.1125408,10 february 2023	2022-23
	GCSC and TCSC Implementation in DFIG Based Wind Farm to Mitigate Sub Synchronous Resonance	2022 Fourth International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT)	<b>INSPEC Accession Number: 2</b> 2777310, <u>10.1109/ICERECT56837.2022.10060243</u>	2022-23
	Sub-synchronous resonance in wind energy integrated grid – problem and mitigation techniques - a review	International Journal of Power Electronics and Drive Systems (IJPEDS) Vol. 13, No. 3, September 2022, pp. 1870-1886 ISSN: 2088-8694, DOI: 10.11591/ijpeds.v13.i3.pp1870-1886	Vol. 13, No. 3, September 2022, pp. 1870-1886 ISSN: 2088-8694, DOI: 10.11591/ijpeds.v13.i3.pp1870-1886	2022-23