



SHREE VENKATESHWARA HI-TECH ENGINEERING COLLEGE

Accredited by NAAC with 'A' Grade

An ISO 9001:2015 Certified Institution

(Approved by AICTE, New Delhi and Affiliated to Anna University Chennai)

Sri Kalaivani Nagar, Erode-Gobi Main Road, Othakuthirai,

K.MettupalayamPost, Gobichettipalayam – 638 455, Erode District, Tamilnadu

Web: <http://www.svhc.com/>

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

LIST OF FACULTY PUBLICATIONS

S.NO	Academic Year	Faculty Name	Title of the paper	Title of the Journal	ISSN NO	DOI
1.	2024-2025	V.S.Arulmurugan	Developing and Analysing a Photovoltaic (PV) Renewable Energy Source with Particle Swarm Optimization (PSO) Algorithm for Battery Management in Grid Environment Power Quality	Springer Nature Singapore	2661-8907	https://www.researchgate.net/publication/387052476_Developing_and_Analysing_a_Photovoltaic_PV_Renewable_Energy_Source_with_Particle_Swarm_Optimization_PSO_Algorithm_for_Battery_Management_in_Grid_Environment_Power_Quality
2.	2024-2025	V.S.Arulmurugan	A Deep Learning Approach For Skin Cancer Image Classification and Detection Using CNN Yolov5 Algorithm	REDVET	695-7504	https://www.veterinaria.org/index.php/REDVET/article/view/1662
3.	2023-2024	P .Karuppusamy	Multimedia and multimodal sensing for personalized healthcare	Springer London	1617-4909.	https://doi.org/10.1007/s00779-023-01727-y
4.	2023-2024	P.Suresh	Battery Monitoring System For Electric Vehicle Using IOT	IJSREM	2582-3930	https://ijsrem.com/download/battery-monitoring-system-for-electric-vehicle-using-iot/
5.	2023-2024	P.Suresh	Performance Checking of Active Cell in Series Connected Lithium Ion Cells for Electric Vehicle Applications With Power Loss Analysis	IJSREM	2582-3930	https://ijsrem.com/download/performance-checking-of-active-cell-in-series-connected-lithium-ion-cells-for-electric-vehicle-applications-with-power-loss-analysis/



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6.	2023-2024	S.Ashika Preethi	A Review on Electric Vehicle and its Charging	IJSRT	2456-2165	https://ijsrt.com/asset/upload/files/IJSRT_23NOV1909.pdf
7.	2023-2024	S.Ashika Preethi	IOT Based patient Drips Monitoring System in Hospital	IJSRT	2582-3930	https://ijsrem.com/download/iot-based-drips-monitoring-system-in-hospital/
8.	2023-2024	K.C.Anandhan	Review Of Hybrid Wind-Solar Pv Technology In The Generation Of Electricity	International Journal Of Computer Communication And Informatics	2023-05-30	https://sietjournals.com/index.php/ijcci/article/view/187
20.	2023-2024	K.S.Vivek	Automatic Water Filling Of Two Tanks By A Single Motor With Two Different Services Mains	IJERT	2278-0181	https://www.ijert.org/research/automatic-water-filling-of-two-tanks-by-a-single-motor-with-two-different-services-mains-IJERTCONV12IS
10.	2023-2024	P.Karuppsamy	Applying Iot To An Electric Vehicle Battery Monitoring System	IJERT	2278-0181	https://www.ijert.org/applying-iot-to-an-electric-vehicle-battery-monitoring-system
11.	2023-2024	S.Gowri Shankar	Ann Based Energy Conservation In Single Phase Induction Motor Drives	IJERT	2278-0181	https://www.ijert.org/ann-based-energy-conservation-in-single-phase-induction-motor-drives
12.	2023-2024	A. Loganayaki	A Comprehensive Guide Of Wireless Energy Transfer	IJERT	2278-0181	https://www.ijert.org/a-comprehensive-guide-of-wireless-energy-transfer
13.	2023-2024	K.S.Vivek	Telehealth Medication Management System Using Gsm	IJERT	2278-0181	https://www.ijert.org/research/telehealth-medication-management-system-using-gsm-IJERTCONV12IS03098.pdf



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14.	2023-2024	S. GowriShankar	Iot Based Patient Drips Monitoring System In Hospital	IJERT	2278-0181	https://www.ijert.org/iot-based-patient-drips-monitoring-system-in-hospital
15.	2023-2024	S.Ashika Preethi	Smart Helmet For Safe Ride	IJERT	2278-0181	https://www.ijert.org/smart-helmet-for-safe-ride
16.	2023-2024	P.Suresh	An Open-Loop Photovoltaic System With Grid Connection And Observer Mppt Period Determination	IJERT	2278-0181	https://www.ijert.org/critical-sampling-period-determination-for-an-open-loop-perturb-and-observe-mppt-grid-connected-solar-photo-voltaic-system
17.	2023-2024	A. Loganayaki	Reliability Evaluation Of Wind Farms Integratedwith Statcom	IJERT	2278-0181	https://www.ijert.org/research/reliability-evaluation-of-wind-farms-integrated-with-statcom-IJERTCONV12IS03102.pdf
18.	2023-2024	P.Suresh	A Comprehensive Guide To Feeding Single-Phase Loads With Seig	IJERT	2278-0181	https://www.ijert.org/a-comprehensive-guide-to-feeding-single-phase-loads-with-seig
20.	2023-2024	K.S.Vivek	Automatic Water Filling Of Two Tanks By A Single Motor With Two Different Services Mains	IJERT	2278-0181	https://www.ijert.org/research/automatic-water-filling-of-two-tanks-by-a-single-motor-with-two-different-services-mains-IJERTCONV12IS03105.pdf
21	2023-2024	K.C.Anandhan	A Deep Learning Based Vehicle Detection with	IJERT	2278-0181	https://www.ijert.org/a-deep-learning-based-vehicle-



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			Emergency Notification			detection-with-emergency-notification
22.	2022-2023	B.S.Shivakumar	A Design of High-Level Water Tank Monitoring System Based on Internet of Things	IJRRAS	23494 891	https://ijrras.com/?media_dl=7444&edmc=7444
23.	2022-2023	K.C.Anandhan	Design Considering Operation States and Control Strategy of Plug-In Hybrid Electric Vehicles with Full Performance	IJRRAS	23494 891	http://ijrras.com/design-considering-operation-states-and-control-strategy-of-plug-in-hybrid-electric-vehicles-with-full-performance/
24.	2022-2023	K.C.Anandhan	Intelligent Energy Efficient Street Light Controlling System based on IoT for Smart City With Mobile Charger	IJRRAS	23494 891	https://www.google.com/search?q=Intelligent Energy Efficient Street Light Controlling System based on IoT for Smart City With Mobile Charger&myZ3kgY
25.	2022-2023	P. Karuppusamy	Energy Management Strategy for Hybrid Energy Storage Systems for Pure Electric Vehicle Battery Management System	IJRET	25177 85	https://www.google.com/search?q=Energy Management Strategy for Hybrid Energy Storage Systems for Pure Electric Vehicle Battery Management System
26.	2022-2023	V. Rathinavel Subramaniyam	Interactive Voice-Controller Applied to Home Automation with Motion Detection	IJRRAS	23494 891	https://www.google.com/search?q=Interactive+Voice-Controller+Applied+to+Home+Automation+with+Motion+Detection&scas_esv=344b2f73460ab7



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27.	2022-2023	V.Ninjathan	IOT Based Modern Solar Street Light System	IJRRAS	23494 891	https://www.irjweb.com/IOT%20Based%20Modern%20Solar%20Street%20Light%20System.pdf
28.	2022-2023	A. Loganayaki	Interactive Voice-Controller Applied to Home Automation with Motion Detection	IJRRAS	23494 891	http://ijrras.com/Interactive-Voice-Controller-Applied-to-Home-Automation-with-Motion-Detection
29.	2022-2023	A. Loganayaki	Smart Energy Meter Auditing with Power Demand Controller using Internet of Things	IJRRAS	23494 891	http://ijrras.com/smart-energy-meter-auditing-with-power-demand-controller-using-internet-of-things/


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