

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 conference by students and Faculty - Academic year 2025-2026 EVEN

S.No	Authors	Name Title of the paper	Conference Name	Venue Date
1.	Dr. S. M. Kannan, P. R. Aarthy, N. V. Kanisha, I. Rubika	Performance Enhanced SEPIC Converter with Incremental Conductance MPPT for PV Powered Irrigation Systems	National Conference on Advanced Technologies and sustainable Materials in Electronics, Signal Processing and Circuit Design(NCATSM'26)	Karpagam Academy of Higher Education(Deemed to be University, Coimbatore Date: 13.03.2026
2.	Dr.M.GaneshKumari, K.Aashiffa,S.Harshini, K.V.Kamalisree, D.RajaPriya Dharshini	Automated Monitoring and Performance Analysis of Hybrid Energy system	National Conference on Advanced Technologies and sustainable Materials in Electronics, Signal Processing and Circuit Design(NCATSM'26)	Karpagam Academy of Higher Education(Deemed to be University, Coimbatore Date: 13.03.2026
3.	Dr.K.Gnanambal, M.Divyadharshini, M.Priyadharshini, T.H.A.Sowmiya	Three port Interleaved Boost Converter with weather prediction for EV Charging Application	National Conference on Advanced Technologies and sustainable Materials in Electronics, Signal Processing and Circuit Design(NCATSM'26)	Karpagam Academy of Higher Education(Deemed to be University, Coimbatore Date: 13.03.2026
4.	Dr.M.GaneshKumari, P.Madhumitha, K.Niharika,D.Ponmozhi	Adaptive Battery Switching in EV's Using IOT based on SoD and Battery Back Temperature Monitoring	National Conference on Advanced Technologies and sustainable Materials in Electronics, Signal Processing and Circuit Design(NCATSM'26)	Karpagam Academy of Higher Education(Deemed to be University, Coimbatore Date: 13.03.2026
5.	Dr. K. Gnanambal, J. S. Nubra Devi, M. D. K. Vinusha, N. R. Yeswanthitha	Digital Car Key with Safety-Controlled Motor Operation for Electric Vehicle	National Conference on Advanced Technologies and sustainable Materials in Electronics, Signal Processing and Circuit Design(NCATSM'26)	Karpagam Academy of Higher Education(Deemed to be University, Coimbatore Date: 13.03.2026
6.	Mr.R. Thangasankaran, K.B.Ajaynarayan, S.S.Jothikumar, J.R.Krishnavarman.	Design and Analysis and validation of a sustainable Modified Bridgeless AC-DC Landsman Converter for EV Charger Applications	National Conference on Advanced Technologies and sustainable Materials in Electronics, Signal Processing and Circuit Design(NCATSM'26)	Karpagam Academy of Higher Education(Deemed to be University, Coimbatore Date: 13.03.2026
7.	Mr.M.Balamurugan, Dr. S. Venkatesan, D.Isreal,K.Harish Kumar, B.Rajeshwaran,S.Harish	Smart fault detection and monitoring system for motor using LoRa	National Conference on Advanced Technologies and sustainable Materials in Electronics, Signal Processing and Circuit Design(NCATSM'26)	Karpagam Academy of Higher Education(Deemed to be University, Coimbatore Date: 13.03.2026
8.	Dr. S. Venkatesan, M. Gopikrishnan,S. Dhanush Ram, R. Guru Prasath, J. Harun Hassan	IOT Based Smart Agriculture System With Weather Forecast Integration	National Conference on Advanced Technologies and sustainable Materials in Electronics, Signal Processing and Circuit Design(NCATSM'26)	Karpagam Academy of Higher Education(Deemed to be University, Coimbatore,Date: 13.03.2026

9.	Dr. S. Parthasarathy, S. Yoga Deva, K.J. Hariharan, K.H. Sabarinath,V.P. Goppi, R. Thangasankaran	An Analog Centric Smart Motor Drive for Sustainable Electric Mobility	International Conference on Sustainable Development in Engineering and Technology,ICSDET'26	K.L.N.College of Engineering,Pottapalayam Date:25.03.2026
10.	Mr.M.Balamurugan, R.Guruprasath, K.Mayandi,P.Ramkumar	Home Automation System For Physically Challenged People Using Iot	International Conference on Sustainable Development in Engineering and Technology,ICSDET'26	K.L.N.College of Engineering,Pottapalayam Date:25.03.2026
11.	Mr. A. Marimuthu, J. Umapathi, S. Siddharth, M. Kishan Kumar	Optimizing Switching Losses in Three Level Buck Converter Using ZVS Method With PID Controller for EV Charging	National Conference on Advanced Technologies and sustainable Materials in Electronics, Signal Processing and Circuit Design(NCATSM'26)	Karpagam Academy of Higher Education(Deemed to be University, Coimbatore Date: 13.03.2026
12.	Dr. P. Loganthurai, B.S. Santhosh Babu, P.Sundarapandi, J.C. Janarthanan.	An Intelligent Electric Bicycle with Infotainment System	National Conference on Advanced Technologies and sustainable Materials in Electronics, Signal Processing and Circuit Design(NCATSM'26)	Karpagam Academy of Higher Education(Deemed to be University, Coimbatore Date: 13.03.2026
13.	Dr S. Venkatanarayanan P. G. Vineshkumar, G. Deepan, A. Mokisan	Auditing Industrial Energy Consumption towards Sustainable Development	International Conference on Sustainable Development in Engineering and Technology,ICSDET'26	K.L.N.College of Engineering,Pottapalayam Date:25.03.2026
14.	Dr.M.Jegadeesan , K D Jeevanram, B Madhan,R K Deepan	Offline Voice Controlled Wheelchair With Health Monitoring System.	National Conference on Advanced Technologies and sustainable Materials in Electronics, Signal Processing and Circuit Design(NCATSM'26)	Karpagam Academy of Higher Education(Deemed to be University, Coimbatore Date: 13.03.2026
15.	Dr.S.Venkatesan, S.Ebi Nickson,K.Harish Kumar(232909), Harihara Sudhan N.N	Smart Energy Meter Adaptive Load Control Monitoring System	International Conference on Sustainable Development in Engineering and Technology,ICSDET'26	K.L.N.College of Engineering,Pottapalayam Date:25.03.2026
16.	Dr. S.M. Kannan, B K J Abishek Adhithyaa, S. Harish Kumar, M.Rithik, J. K.Vikram	IoT Enabled Smart Pond Monitoring system with Real- Time Tracking and Offline Database	International Conference on Sustainable Development in Engineering and Technology,ICSDET'26	K.L.N.College of Engineering,Pottapalayam Date:25.03.2026

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