



K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE – 637 215
(Autonomous)

Department of Electrical and Electronics Engineering

INTERNATIONAL CONFERENCE ATTENDED

2023-2024

Sl. No	Title of the Paper	Name of the Author/s	Name of the Conference,	National/International	Conducted by	Year and Month of Conducted	UGC Care Scopus/Web of science/other, mention
1	Sixty Degree PWM Controlled 7- Level Inverter Utilizing Binary Input	Vijayakumar Madhaiyan, Ramasamy Murugesan, Gobimohan Sivasubramanian, K.Sathiyasekar, V. Arun, S.Prabhu	First IEEE Technically Sponsored International Conference on Advances in Electrical, Electronics and Computational Intelligence (ICAEECI 2023)	International	K.S.R. College of Engineering, Tiruchengode	2023, October	Scopus
2.	Analysis of Performance for Multilevel Inverters Utilizing Different Pulse Width Modulation Techniques	Vijayakumar Madhaiyan, Ramasamy Murugesan, Senthilkumar Sengottaiyan, Vijayakumar Muniyan, Arun Vijayakumar, Prabhu Sundaramoorthy	First IEEE Technically Sponsored International Conference on Advances in Electrical, Electronics and Computational Intelligence (ICAEECI 2023)	International	K.S.R. College of Engineering, Tiruchengode	2023, October	Scopus
3	Nine Switch Dual Input 9- Level Inverter (NSDI9LI) with Inherent AC Voltage Generation	Vijayakumar Madhaiyan, Ramasamy Murugesan, V. Arun, S.Prabhu	First IEEE Technically Sponsored International Conference on Advances in	International	K.S.R. College of Engineering, Tiruchengode	2023, October	Scopus

	Ability		Electrical, Electronics and Computational Intelligence (ICAECCI 2023)				
4	Analysis on various core materials and magnets for Electric Vehicle Applications	S.Senthilkumar, E.Kannan, Vijayakumar Madhaiyan, S. Gowtham, V. Arun, S. Prabhu	First IEEE Technically Sponsored International Conference on Advances in Electrical, Electronics and Computational Intelligence (ICAECCI 2023)	International	K.S.R. College of Engineering, Tiruchengode	2023, October	Scopus
5	Evaluating the Effectiveness of the TAR Pulse Width Modulation Strategy for a 7-Level Inverter with Non-Uniform Source Voltages	S.Ramesh, Vijayakumar Madhaiyan, and V. Arun	First IEEE Technically Sponsored International Conference on Advances in Electrical, Electronics and Computational Intelligence (ICAECCI 2023)	International	K.S.R. College of Engineering, Tiruchengode	2023, October	Scopus
6	A Spontaneous energy optimization algorithm based Amalgamated power quality conditioner to reduce harmonic effects and improve power quality for grid connected wind energy systems	Selvam.P, R.Venkatesh, K.Yamuna,M.Shayma Gowri, Balamurugan.A, R.Devarajan.	International conference on Sustainable communication Networks and Application (ICSCNA 2023)	International	Bharath Niketan Engineering College Theni, Tamil Nadu, India	15-17 November 2023	Scopus
7	A single KY Boost Converter based system Emulator for Testing Unbalanced Microgrid using IOT	R.Sathish, R.Venkatesh, B.Yuvarani, K.Kannan, A.Ragavendiran, P.Selvam	7 th International Conference on Electronics, Communication and Aerospace Technology (ICECA-2023)	International	RVS Technical campus, Coimbatore	22-24, November 2023	Scopus

8	Automatic Over Speed Control of Electric Vehicle Using IoT	Dr.S.Senthilkumar K.Sandeep raj U.Ruba sri A.DhanushKumar P.Aneesh	International conference on emerging materials and technology (ICEMT- 2024)	International	K.S.R. College of Engineering, Tiruchengode	22 February 2024	-
9	Smart Scheduler Based Demand Side Management On Household Electricity Consumption	Mrs.K.Yamuna C.Sibi Chakaravarthi R.Nivya J.Sudharsana V.NaveenKumar	International conference on emerging materials and technology (ICEMT- 2024)	International	K.S.R. College of Engineering, Tiruchengode	22 February 2024	-
10	GSM and RFID based Automatic Ration Material and Digital Token Distribution	Dr.S.Ramesh S.Akshayaa J.K.Eswaraarunparakesh B.Monithkumar K.Sabarinathan	International conference on emerging materials and technology (ICEMT- 2024)	International	K.S.R. College of Engineering, Tiruchengode	22 February 2024	-
11	Intelligent Energy Management Strategy for Electric Vehicle	Mr.M.Subaramani S.Sham Arnold S.Periyanarayanan K.S.Ramanitharan V.Vimalan	International conference on emerging materials and technology (ICEMT- 2024)	International	K.S.R. College of Engineering, Tiruchengode	22 February 2024	-
12	GSM Based Water Quality and Water Level Monitoring System with Dam Gate Control	Dr.M.Ramasamy G.Shruthi A.K.Ragul P.S. Sathish S.Sriram	International conference on emerging materials and technology (ICEMT- 2024)	International	K.S.R. College of Engineering, Tiruchengode	22 February 2024	-
13	Optimizing Power Factor of Auxiliary Equipment's in Thermal Power Plant Using IoT	Mrs.B.Yuvarani S.Santhosh S.Ragavan K.Sujeet S.Sadheesh	International conference on emerging materials and technology (ICEMT- 2024)	International	K.S.R. College of Engineering, Tiruchengode	22 February 2024	-

14	Solar Based Smart Electric Fence and Automatic Irrigation System	Dr.M.VijayaKumar M.AjayKumar M.Dhanish M.Dhamodharan P.SathishKumar	International conference on emerging materials and technology (ICEMT- 2024)	International	K.S.R. College of Engineering, Tiruchengode	22 February 2024	-
15	IoT Based Three Phase Transmission Line Fault Detection and analysis	Dr.K.Lakshmi T.Naveen M.Dhinesh C.Divager N.S.Mohanakumar	International conference on emerging materials and technology (ICEMT- 2024)	International	K.S.R. College of Engineering, Tiruchengode	22 February 2024	-
16	Combination of interleaved single input multiple output DC to DC Converters	Mr.S.Dhivagar V.Seethalakshmi J.BalaSurya R.Kaviya P.ArunKumar	International conference on emerging materials and technology (ICEMT- 2024)	International	K.S.R. College of Engineering, Tiruchengode	22 February 2024	-
17	Multilevel Inverter Based STATCOM With Single Cycle Controller for Power Quality Improvement	Dr.M.VijayaKumar G.Karthik R.Dhanush C.Maganathan S.Navaneetha Krishnan	International conference on emerging materials and technology (ICEMT- 2024)	International	K.S.R. College of Engineering, Tiruchengode	22 February 2024	-
18	IoT Based Automatic Gate Valve Controller	Mr.S.Gowthem S.Prasath S.Ashok Kumar B.Sibiraj K.R.Dhivin	International conference on emerging materials and technology (ICEMT- 2024)	International	K.S.R. College of Engineering, Tiruchengode	22 February 2024	-
19	Smart Borewell Child Recuse and Wireless Monitoring System Using AI	Dr.E.Vani C.Preethi V.NaveenKumar M.Arikaran K.RubanKumar	International conference on emerging materials and technology (ICEMT- 2024)	International	K.S.R. College of Engineering, Tiruchengode	22 February 2024	-

20	Weeding System in Agriculture using IoT	Dr.R.SankarGanesh M.K.S Dhakshayane tharene C.Maheshwarn K.Vengatesh S.Yuvaraj	International conference on emerging materials and technology (ICEMT- 2024)	International	K.S.R. College of Engineering, Tiruchengode	22 February 2024	-
21	Wireless Notice Board Using IoT	Dr.V.Ravi K.Karthikeyakavin S.Sudhakaran R.Kaviyarasan N.Ragunath	International conference on emerging materials and technology (ICEMT- 2024)	International	K.S.R. College of Engineering, Tiruchengode	22 February 2024	-
22	Hybrid Renewable Energy Source for Optimize Energy management and Security in a Micro Grid	Mrs.A.Vasnathi B.Tharun V.M. Srinithin S.Dinesh Prasnth B.Vishvanath	International conference on emerging materials and technology (ICEMT- 2024)	International	K.S.R. College of Engineering, Tiruchengode	22 February 2024	-
23	Vehicle Accident Detection and Locating Using GSM and GPS	M. Vijayakumar, M. Ramasamy, T. Jeyakumar, S. Dhivagar, V. Arun and R. Hemalatha	2024 International Conference on Communication, Computing and Internet of Things (IC3IoT), Chennai, India,	International	Sri Sairam Engineering College	17-18 April 2024	Scopus