



**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 (ICAECCI 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 (ICAECCI 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 <sup>th</sup> 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

**2022-2023**

Faculty Name	Name of the Conference	Topic / Event Name	Venue/College Name	Dates
Dr.E.Vani	7 th International Conference on Engineering, Technology and Science	PIC Microcontroller Based Boiler Monitoring & Controlling System for Power Plant Industry	Muthayammal College of Engineering, Rasipuram	31.03.2023
Mr..M.Subramani	International Conference on Computing and Information Technology	Intelligent Toll Charge Collection System With Safety Features Using Arduino	University of Tabuk, Saudi Arabia	27.03.2023 to 29.03.2023

Dr.S.Senthilkumar	7 th International Conference on Engineering, Technology and Science	Optimization of boiler operation and maintenance using IOT	Muthayammal College of Engineering, Rasipuram	31.03.2023
Mrs.K.Yamuna	7 th International Conference on Engineering, Technology and Science	A multi sensor intelligent device for real time multiphase flow controlling in thermal power plant	Muthayammal College of Engineering, Rasipuram	31.03.2023
Mr.Dhivagar.S,	7 th International Conference on Engineering, Technology and Science	Programmable Logic Controller Programming And Wiring of Pills Vending Machine	Muthayammal College of Engineering, Rasipuram	31.03.2023
Mr.S.Gowtham	7 th International Conference on Engineering, Technology and Science	PLC programming and panel wiring for plywood cutting machine	Muthayammal College of Engineering, Rasipuram	31.03.2023
Mrs.B.Yuvarani	2nd International Conference on Advancements in Automotive Technology	Smart greenhouse control system with plant health monitoring	Bannari Amman Institute of Technology	5th & 6th April 2023.
Mrs.A.Vasanthi	7 th International Conference on Engineering, Technology and Science	Programmable logic controller based automatic loom machine	Muthayammal College of Engineering, Rasipuram	31.03.2023
Dr.M.Vijayakumar(1)	7 th International Conference on Engineering, Technology and Science	Solar PV Interface Quasi Impedance Source	Muthayammal College of Engineering, Rasipuram	31.03.2023
Dr.R.Sankarganesh	7th International Conference on Electronics, Communication and Aerospace Technology	Network Based STATCOM Control in The Wind	RVS Technical Campus, Coimbatore,	11-12, April 2023.
Dr.S.Ramesh	International Conference on Computing and Information Technology	Facial Movement Based Robotic ARM Control Using Arduino and Python	University of Tabuk, Saudi Arabia	27.03.2023 to 29.03.2023
	7 th International Conference on Engineering, Technology and Science	Facial movement based robotic arm control using arduino and python	Muthayammal College of Engineering, Rasipuram	31.03.2023
Dr.M.Ramasamy	7 th International Conference on Engineering, Technology and Science	Microcontroller Based Power Transformer Monitoring And Protection In 210mw Thermal Unit	Muthayammal College of Engineering, Rasipuram	31.03.2023
Dr.M.Vijayakumar(2)	7 th International Conference on Engineering, Technology and Science	Automatic Yarn Breakage Identification Warping Machine By Using PLC	Muthayammal College of Engineering, Rasipuram	31.03.2023

Dr.V.Ravi	7 th International Conference on Engineering, Technology and Science	Portable Solar Washing Machine	Muthayammal College of Engineering, Rasipuram	31.03.2023
Dr.K.Lakshmi	2nd International Conference on Advancements in Automotive Technology	Automatic path memorizing fork lift	Bannari Amman Institute of Technology	5th & 6th April 2023.

**2021-2022**

Faculty Name	Conference	Topic / Event Name	Venue/College Name	Dates
Dr.S.Senthilkumar	AIP Conference Proceedings	Enabling public transport system for visually impaired people	***	5.04.2022
	12th National Conference on Trends in Engineering applications	Cascade II level invertors using power electronic switch	Velalar College of Engineering and Technology	6.05.2022
Dr.V.Ravi	12th National Conference on Trends in Engineering applications	Optimal power management of Renewable energy resource in Micro grids Power Management System	Velalar College of Engineering and Technology	6.05.2022
K.Yamuna	International conference on science, Technology, Engineering and Mathematics	A smart energy meter with power theft monitoring and home automation using IoT	Jansons insititute of technology, Coimbatore	28.05.2022
E Vani	International conference on science, Technology, Engineering and Mathematics	Smart ATM security using vibration sensor and DC motor	Jansons insititute of technology, Coimbatore	28.05.2022
S.Gowtham	International conference on science, Technology,	Smart ATM security using vibration sensor and DC motor	Jansons insititute of technology, Coimbatore	28.05.2022

	Engineering and Mathematics			
Mr.M.Subramani	International conference on Engineering and Innovative Research	Efficient Energy Conservation From Transport Vehicle to Utility Load	Kathir College of Engineering	25.05.2022
	2nd international virtual conference on RTEAIN2022	Efficient Energy Conservation From Transport Vehicle to Utility Load	M.Kumarasamy college of engineering	26.5.2022 &27.05.2022
Dr.M.Vijayakumar	International conference on science, Technology, Engineering and Mathematics	Automatic human follower trolley using huskeylens	Jansons insititute of technology, Coimbatore	28.05.2022
Dr.S.Ramesh	2nd international virtual conference on RTEAIN2022	Hybrid controller for renewable energy power plant in stand alone sites	M.Kumarasamy college of engineering	26.5.2022 &27.05.2022
	12th National Conference on Trends in Engineering applications	Hybrid controller for renewable energy power plant in standalone sites	Velalar College of Engineering and Technology	6.05.2022
	International conference on emerging trends in science technology and applications	PV based induction cooking system	Sree sakthi engineering college	27&28.05.2022
Dr.M.Ramasamy	International conference on science, Technology, Engineering and Mathematics	River cleaning and water quality monitoring system using turbidity sensor	Jansons insititute of technology, Coimbatore	28.05.2022