



KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)
NAMAKKAL- TRICHY MAIN ROAD, THOTTIAM, TRICHY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
FACULTY PUBLICATIONS - International / National Conferences

SL.NO	DETAILS
ACADEMIC YEAR 2021-2022	
International Conference:	
1	Rajamanikandan T , Dr.Banumathi S and Dr.Asokan R, 'Investigation of the Dielectric Characteristics of Banana Residue Press Board Insulation', proceedings of National Institute for Engineering and Research (NIER) International Conference, World Congress on Green Chemistry and Green Engineering (WCGCGE-21), 22 nd May 2021, Coimbatore, pp.5-8.
2	Sruthi S, Narmitha D, Dr.Karthikkumar K, Dr.Chandra Sekhar P and Karthik K 'Transformer-less Grid connected PV System using TSRPWM Strategy with Single Phase 7 Level Multi-Level Inverter', International conference on Control in Electric Vehicles and Smart Grid with Renewable Energy Synergies for Sustainable Development (VIT-CES-RES), VIT, Chennai, 7 th - 8 th October, 2021.
3	Tamilnesan P , Dr.Sengolrajan T and Karthikeyan J 'Supervisory Control and Monitoring of IoT Enabled Optimized MPPT in Mass Solar Power Plant', International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2021), Paavai Engineering College, Namakkal, 20 th October, 2021.
4	Amuthameena Subramanian , Dhayalini Karuppiah and Balraj Baskaran, 'Investigations on Electrical Energy Generation and Storage using Nanotechnology', 1 st International Conference on Advanced Developments in Chemistry and Allied sciences-2021 (ADCAS-21)', Deenbandhu Chhotu Ram University of Science and Technology, Sonipat, India, 16 th - 17 th , December, 2021.
5	Gopalakrishnan , 'Power Quality Improvement of Microgrid under Demand Response Schemes', International Conference on 'Energy Power Integrated Circuits and Systems (EPICS-2021)', Bannari Amman Institute of Technology, Sathiyamangalam, 22 nd - 23 rd December, 2021.
6	Ragul S , Revathi S , S.P.Raghavendran & Gopalakrishnan R , 'Design and Development of Automated Solar based Grass Cutter with Sprinkler and Cleaning in Agricultural System' International Conference on Smart Technologies and Applications (ICSTA 2022), Ramco Institute of Technology, Virudhunagar on 11 th -12 th March, 2022.



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7	Rajalashmi K, Dr.Sheela A, Dr.Prithivi K, Gowrishankar V and Revathi S ‘A Battery Charger with Bridgeless AC-AC Converter for Electric Vehicles’, International Conference on ‘Advanced Technologies in Chemical, Construction and Mechanical Sciences (iCATCHCOME 2022)’,KPR Institute of Engineering & Technology, Coimbatore, 24 th – 25 th March, 2022.
8	Tamilnesan P , Mohamed Aslam M, Santhosh B, Poovarasan M and Harikrishnan M, ‘IoT Enabled Optimized MPPT Techniques for Solar Power Generation in Smart Building’, 1 st International Conference on ‘Emerging Trends in Electric Vehicles and Smart Technologies (ICETEVST-22)’,SRM TRP Engineering College, Trichy, 21 st – 22 nd April, 2022.
9	Tamilnesan P, Dr.Shankar R , Karthika S, Suwathy M and Vidhya J, ‘Supervisory Control and Monitoring of IoT Enabled Paddy Cultivation’, 1 st International Conference on ‘Emerging Trends in Electric Vehicles and Smart Technologies (ICETEVST-22)’, SRM TRP Engineering College, Trichy, 21 st – 22 nd April, 2022.
10	Abirami R, Berlin Glary P, Jeya Priya J, G.Praveena G and Rajamanikandan T , ‘Design and Fabrication of Micro Machined Hot/Wire anemometer using Embedded Systems’, 1 st International Conference on ‘Emerging Trends in Electric Vehicles and Smart Technologies(ICETEVST-22)’,SRM TRP Engineering College, Trichy, 21 st – 22 nd April, 2022.
11	Amuthameena S , .Kousika P, Nalini S, M.Sangavi M and Sowmiya A , ‘Automatic Gear Lubrication System in Rotary Turbine using IoT’ , DST-SERB Sponsored 1st International Conference on ‘Emerging Trends in Electric Vehicles and Smart Technologies (ICETEVST-22)’, SRM TRP Engineering College, Trichy, 21 st – 22 nd April, 2022.
12	Sathish Kumar, Gokul R, Priyadharsan M, Parthiban P and .Ragul S , ‘Novel Improved Hybrid Charge Controller for Renewable Energy Applications’ DST-SERB Sponsored 1st International Conference on ‘Emerging Trends in Electric Vehicles and Smart Technologies (ICETEVST-22)’, SRM TRP Engineering College, Trichy, 21 st – 22 nd April, 2022.
13	Kalairajan V and Arun S , ‘IoT based Weather Monitoring System with Sensors and Node MCU for Agriculture’ DST-SERB Sponsored 1st International Conference on ‘Emerging Trends in Electric Vehicles and Smart Technologies (ICETEVST-22)’, SRM TRP Engineering College, Trichy, 21 st – 22 nd April,2022.
14	Revathi S , Shobana N V, Swetha S, Kabarthini P and Kalaivani C, ‘Integration of Residential Power Plant through Microgrid using Particle Swarm Optimization’, DST-SERB Sponsored 1 st International Conference on Emerging Trends in Electric Vehicles and Smart Technologies (ICETEVST-22)’, SRM TRP Engineering College, Trichy, 21 st –



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	22 nd April, 2022.
15	Nandhini G, Sathya M, Saranya K, Sujeetha and Divya A C , ‘Gear System and Coupling Management in Horizontal Wind Turbine using Artificial Intelligence Techniques’, DST-SERB Sponsored 1 st International Conference on Emerging Trends in Electric Vehicles and Smart Technologies (ICETEVST-22)’, SRM TRP Engineering College, Trichy, 21 st – 22 nd April, 2022.
16	Arun S , Sudharsan, M.Sanjay, Y.Praveen Kumar and S.Praveenkumar, ‘Instrumentation of IoT based Tablet Making Machine’ DST-SERB Sponsored 1 st International Conference on Emerging Trends in Electric Vehicles and Smart Technologies (ICETEVST-22), SRM TRP Engineering College, Trichy, 21 st – 22 nd April, 2022.
17	Kalairajan V , Prabhu S, Kaviraj A, Manikandan V and Lekkaiyaraja T, ‘Design and Fabrication of IoT based Tablet Making Machine’, DST-SERB Sponsored 1 st International Conference on ‘Emerging Trends in Electric Vehicles and Smart Technologies (ICETEVST-22), SRM TRP Engineering College, Trichy, 21 st – 22 nd April, 2022.
18	Karthikeyan J , Mohana Priya K, Dhivya S, Nivetha S and Deepa T, ‘Voltage/Frequency Control in Power Inverter using AI’, DST-SERB Sponsored 1 st International Conference on Emerging Trends in Electric Vehicles and Smart Technologies (ICETEVST-22), SRM TRP Engineering College, Trichy 21 st – 22 nd April, 2022.
19	Balaji K, Akthar Farvees Z, Gowtham R D, Manoj S and Mohanraj K , ‘Battery Management System for Renewable Energy Production using Artificial Intelligence’, Virtual International Conference on Technological Advancements in Mechanical Engineering (ICTAME 2022)’, AMET University, Chennai, 22 nd -23 rd April, 2022.
20	Harivignesh J, Guru Prasanth M, Sandheep R, Gowrishankar R and Rajamanikandan T , ‘Artificial Intelligence based Solar Tracking System’ Virtual International Conference on ‘Technological Advancements in Mechanical Engineering (ICTAME 2022)’, AMET University, Chennai, 22 nd -23 rd April, 2022.
21	Gopalakrishnan R , Harish E M, Shahir Ahamed A, Thirumoorthy P and Ragul Prasad R, ‘Efficiency Improvement of Power Converters using FPGA’ International Conference on ‘Recent Trends in Emerging Technologies and Engineering–ICRTETE-2022, IIRM, Andhra Pradesh, 24 th April, 2022.
22	Dr.Sengolrajan T , Nitheesh Kumar P, Vasanth babu P, Vignesh K and Kishore A, ‘Design and Development of Hybrid Solar and Wind Energy Systems’ AICTE Sponsored International Conference on Newer Engineering Concepts and Technology (ICONNECT-2K22), Ramakrishnan College of Technology, Samayapuram, 28 th -29 th April 2022.



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23	Premkumar, Naveen Kumar T, Rajesh P, Bharathmano P and Karthik K , 'Design and Fabrication of Smart Switch Board using COIR', AICTE Sponsored International Conference on 'Newer Engineering Concepts and Technology (ICONNECT-2K22)', Ramakrishnan College of Technology, Samayapuram, 28 th -29 th April 2022.
24	Karthikeyan J , Suriya Prakash V, Guhan T, Vignesh S and Navin Kishore G, Fabrication of IoT based E-Vehicle for Physically Challenged People, AICTE Sponsored International Conference on Newer Engineering Concepts and Technology (ICONNECT-2K22), Ramakrishnan College of Technology, Samayapuram, 28 th -29 th April 2022
25	A.Sheela, Dr.T.Logeswaran, S.Revathi and Dr.K.Rajalakshmi, 'Distributed MPPT Configuration for Improving Solar Energy Production' 3rd International Conference on 'Emerging Technology (INCET 2022)', Jain College of Engineering, Belagavi, Karnataka, 27 th -29 th May, 2022.
National Conference:	
1	P.Kavinshore, S.Gobinath, V.Manosh, L.Mathiyazhagan and T.Muthukumar 'Climate Monitoring System using IoT in Thottiyam Block for Wind Power' National Conference on Mechatronics and Automation Systems (NCMAS 2022), Bannari Amman Institute of Technology, Sathyamangalam, 21 st April, 2022.