

## Conference Details

### Academic year 2021-2022

1. Mr. T. R. Alagarsamy Yaswanth, Mr. S. Arun Kumar and **K. Karthikeyan**, have presented a paper titled "An embedded controller based train control system" in the International Conference on Smart Technologies and Applications (ICSTA 2022) organized by Ramco Institute of Technology, Rajapalayam during March 11 - 12, 2022.
2. **S. Meenakshi Sundaravel**, Dr. B.V. Manikandan, presented a paper titled "Analysis of Cascaded H-Bridge Multilevel Inverter Using Various Pulse Width Modulation Strategies" in the International Conference on Smart Technologies and Applications (ICSTA 2022) organized by Ramco Institute of Technology, Rajapalayam during March 11 - 12, 2022.
3. **S. Jeyanthi**, B.V. Manikandan presented a paper titled "Performance Analysis of Boost Converter by comparing with Different switching Techniques", in the International Conference on Smart Technologies and Applications (ICSTA 2022) organized by Ramco Institute of Technology, Rajapalayam during March 11 - 12, 2022.
4. **A. Arun Kumar**, M. M. Muthu Rani, M.I. Rohini, V. Divya Jeyashree, **S. Jeyanthi** presented a paper titled "Smart Garbage Detection System", in the International Conference on Smart Technologies and Applications (ICSTA 2022) organized by Ramco Institute of Technology, Rajapalayam during March 11 - 12, 2022.
5. **E. Thangam**, B.V. Manikandan, **S. Kannan** presented a paper titled "Studies on the Planning of Generation Expansion in a Renewable Dominated Power System", in the International Conference on Smart Technologies and Applications (ICSTA 2022) organized by Ramco Institute of Technology, Rajapalayam during March 11 - 12, 2022.
6. S. Arunkumar, R. Chandru, P. Kasirajan and **S. Sharmila Kumari** presented a paper titled "Solar Powered Smart LED Street Light With Auto Intensity", in the International Conference on Smart Technologies and Applications (ICSTA 2022) organized by Ramco Institute of Technology, Rajapalayam during March 11 - 12, 2022.
7. D. Citharthan, M. Varatharaj, M. Arumuga Babu, **S. Kannan** presented a paper titled "Field Oriented Control of Permanent Magnet Synchronous Motor with D-Q Axis Decoupling Using Feed Forward Compensation", in the International Conference on Smart Technologies and Applications (ICSTA 2022) organized by Ramco Institute of Technology, Rajapalayam during March 11 - 12, 2022.
8. A.M. Ajeetha, T. Sri Varshini, **G. Sivapriya**, **S. Sharmila Kumari** presented a paper titled "Solar Based Energy Management System for Charging Stations with Battery Storage", in the National Conference on Recent Research in Advance Computing- NRRAC'22, SRM Institute of Science and Technology, during 27.05.2022
9. M. Muthu Krishnan, K. Sathya, **E. Thangam** presented a paper titled "An Intelligent System to Detect Faults and Condition Monitoring in Transformers", in the National conference on "Recent trends in Engineering, Science and Management (RTESM - KCET 2022), Kurinji College of Engineering and Technology, during 09.06.2022.
10. G. Hariharan, M. Mohamed Haji Ali, **K. Karthikeyan** presented a paper titled "Wireless power transfer system for moving electric vehicles using Magnetic Resonance", in the National conference on "Recent trends in Engineering, Science and Management (RTESM - KCET 2022), Kurinji College of Engineering and Technology, during 09.06.2022.
11. **B. Deepa Lakshmi**, N.Hemanth, R.Rajkumar presented a paper titled "AI based Face Mask Detector with Announcement System", in the National conference on "Recent trends in Engineering, Science and Management (RTESM - KCET 2022), Kurinji College of Engineering and Technology, during 09.06.2022.

12. **S. Meenakshi Sundaravel**, M. Hari Ram, S. Senthilkumar presented a paper titled “Smart Helmet for Bike Riders with Alcohol Detection” in the National conference on “Recent trends in Engineering, Science and Management (RTESM - KCET 2022), Kurinji College of Engineering and Technology, during 09.06.2022.

