

# **RAMCO INSTITUTE OF TECHNOLOGY**

## **Research Council**

### **Department of Electrical and Electronics Engineering**

#### **Conference Publications**

#### **Academic Year 2020-21**

1. **Dr. K.Karthikeyan**, "Generation Expansion Planning for India by Enhancing Renewable Integration", International Web Conference on Smart Engineering Technologies, Ramco Institute of Technology, 26.07.20 to 27.07.20
2. **D. Karthik Prabhu**, "Digital Notice Board", International Web Conference on Smart Engineering Technologies, Ramco Institute of Technology, 26.07.20 to 27.07.20
3. **E. Thangam**, " A Novel Power Supply Phase Selector using PLC", International Web Conference on Smart Engineering Technologies, Ramco Institute of Technology, 26.07.20 to 27.07.20
4. **S. Meenakshi Sundaravel**, "Smart Automation using Voice Recognition", International Web Conference on Smart Engineering Technologies, Ramco Institute of Technology, 26.07.20 to 27.07.20
5. **S. Jeyanthi**, "Simulation of reduced component count single-phase to three-phase Z-source converter", International Web Conference on Smart Engineering Technologies, Ramco Institute of Technology, 26.07.20 to 27.07.20
6. Ms. T. Durga, Ms. S. Priya Dharsika, Ms. K. Yarshini, IV EEE and **Dr. K. Karthikeyan**, ASP/EEE presented a paper entitled "Building energy simulation and optimal energy management control strategy using Energy plus and Matlab" in the National Conference on Challenges and Innovation in Engineering and Technology -2021 (NWCCIET-2021) conducted by Ramco Institute of Technology from 19 Mar., 2021 to 20 Mar., 2021.
7. R. Maha Guru Backiyam, T. Munieshwari, P. Sangeetha, **A. Arun Kumar**, **S. Jeyanthi**, presented a paper entitled "Improvement of efficiency of solar cells using nano coating" in the National Web Conference on Challenges and Innovation in Engineering & Technology 2021, during 19 - 20 March 2021.
8. S.Muthukrishnan, K. Sathya, **E. Thangam**, "Auto light intensity controller using 8051 Microcontroller", National Web Conference on Challenges and Innovation in Engineering and Technology 2021, Ramco Institute of Technology, Rajapalayam, 19 Mar., 2021 to 20 Mar., 2021.
9. R. Arjun Ram, R.Marisanakar, S.Sathishkarunakaran, IV EEE and **S.Sharmila Kumari** presented a paper titled on "Solar Powered Agricultural Water Pumping With Auto Tracking" in the Virtual National Conference on Intelligent Computing and Automation

organised by Department of Electronics and Instrumentation Engineering, Kamaraj College of Engineering and Technology, Virudhunagar on 09 April, 2021.

10. P. Gnana Prakash, P. Goutham, P. Gowrisankar, **D. Karthik Prabhu**, 'Eco-Friendly Lawn Mower' in the ICAMCCT-2021 held on 10th April, 2021, Organized By Annai Vailankanni College of Engineering, AVK Nagar, Pothaiyadi Salai, Azhagappapuram. P. O, K. K. District, Tamil Nadu, India
11. B. Bharathikalaiselvi, R. S. Sangeetha, G. Selva Pragathy, **D.Karthik Prabhu**, 'IoT Based Smart Parking System' in the ICAMCCT-2021 held on 10th April, 2021, Organized By Annai Vailankanni College of Engineering, AVK Nagar, Pothaiyadi Salai, Azhagappapuram. P. O, K. K. District, Tamil Nadu, India
12. P. Ganga Devi, M. Muthu Meenakshi, B. Vasuki, **E. Thangam**, 'Design and Implementation of Autonomous Paint Spraying Machine Using PLC' in the ICAMCCT-2021 held on 10th April, 2021, Organized By Annai Vailankanni College of Engineering, AVK Nagar, Pothaiyadi Salai, Azhagappapuram. P. O, K. K. District, Tamil Nadu, India
13. Deepthi L R, Divya Dharshini J N, Vishwa Bharathi R, **Thangam E**, 'Design and Implementation of Three Floor Lift Using PLC' in the ICAMCCT-2021 held on 10th April, 2021, Organized By Annai Vailankanni College of Engineering, AVK Nagar, Pothaiyadi Salai, Azhagappapuram. P. O, K. K. District, Tamil Nadu, India
14. V. Arthiga, K. Nagajothi, G. Periyanyagi, **N. Ganesh**, 'Smart Farming: IOT Based Sensors for Monitoring Agricultural Field Using Single Axis Solar Tracking' in the ICAMCCT-2021 held on 10th April, 2021, Organized By Annai Vailankanni College of Engineering, AVK Nagar, Pothaiyadi Salai, Azhagappapuram. P. O, K. K. District, Tamil Nadu, India
15. **S. Meenakshi Sundaravel**, Mr. P. Ayyanapparaj, Mr. S.VijayKumar, Mr. S. Yogeshwara, 'd 'Solar Panel Cooling System in the ICAMCCT-2021 held on 10th April, 2021, Organized By Annai Vailankanni College of Engineering, AVK Nagar, Pothaiyadi Salai, Azhagappapuram. P. O, K. K. District, Tamil Nadu, India
16. V. Ramakrishnan, M. Ramkumar, D. Sharoun, **A. S. Vigneshwar**, 'IoT Based Battery Monitoring System for E-Vehicle ' in the ICAMCCT-2021 held on 10th April, 2021, Organized By Annai Vailankanni College of Engineering, AVK Nagar, Pothaiyadi Salai, Azhagappapuram. P. O, K. K. District, Tamil Nadu, India
17. T. Senthamarai, S. Ida Princy, M. Vasuki, **A. S. Vigneshwar**, 'Solar Panel Hybrid Cleaning System ' in the ICAMCCT-2021 held on 10th April, 2021, Organized By Annai Vailankanni College of Engineering, AVK Nagar, Pothaiyadi Salai, Azhagappapuram. P. O, K. K. District, Tamil Nadu, India
18. Daniel Gold Sam C, Mohamedabdulazeez M, Mithinesh S, **Jeyanthi S** 'Air and Water Quality Monitoring System' in the ICAMCCT-2021 held on 10th April, 2021, Organized By

Annai Vailankanni College of Engineering, AVK Nagar, Pothaiyadi Salai,  
Azhagappapuram. P. O, K. K. District, Tamil Nadu, India

19. Jeya Deepika K, Pavithra N, Rajeswari A, “A System for Saving Wild Animals from the Forest Fire Using Raspberry PI”, in the ICAMCCT-2021 held on 10th April, 2021, Organized By Annai Vailankanni College of Engineering, AVK Nagar, Pothaiyadi Salai, Azhagappapuram. P. O, K. K. District, Tamil Nadu, India