

RAMCO INSTITUTE OF TECHNOLOGY

Research Council

Department of Electrical and Electronics Engineering

Journal Publications

Academic Year 2020 – 2021

1. S.Amosedinakaran, B.Deepalakshmi, A. Bhuvanesh and **S. Kannan**, "Generation Expansion Planning under Partially Deregulated Environment using Firefly Algorithm for Sustaining Competitive Electricity Market", Journal of Green engineering, volume-10, Issue-8, August 2020 (Scopus)
2. A. Bhuvanesh, **K. Karthikeyan**, S. Amosedinakaran and **S. Kannan**, "Generation Expansion Planning for India by Enhancing Renewable Integration", Journal of Green engineering, volume-10, Issue-7, July 2020 (Scopus)
3. K.Karunanithi, S. Saravanan, V.Mahesh, K.Rajesh and **S. Kannan**, "Simulation and Estimation of Optimum Storage Capacity of an Indian Power System", Journal of Solid State Technology, Volume 63, Issue 2, October 2020. (Others)
4. P. Gnanaprakash, P. Gowrisankar, P.Gowtham and **D.Karthik Prabhu**, "Eco-Friendly Lawn Mower", International Journal of Scientific Research in Science and Technology, Volume 9, Issue 1, ISSN:2395-6011, PP. 577-583, April 10, 2021 (UGC Care)
5. B. Bharathikalaiselvi, R.S.Sangeeth, G.Selva Pragathy and **D.Karthik Prabhu**, "IoT based Smart Parking System", International Journal of Scientific Research in Science and Technology, Volume 9, Issue 1, ISSN:2395-6011, PP. 383-388, April 10, 2021 (UGC Care)
6. Deepthi L R, Divya Dharshini J N, Vishwa Bharathi R, **Thangam E**, "Design and Implementation of Three Floor Lift Using PLC", International Journal of Scientific Research in Science and Technology, Volume 9, Issue 1, ISSN: 2395-6011, PP. 745-748, April 10, 2021 (UGC Care)
7. P. Ganga Devi, M. Muthu Meenakshi, B. Vasuki, **E. Thangam**, "Design and Implementation of Autonomous Paint Spraying Machine Using PLC", International Journal of Scientific Research in Science and Technology, Volume 9, Issue 1, ISSN: 2395-6011, PP. 694-698, April 10, 2021 (UGC Care)
8. R.Malavika, R.Ragul, R.Shanthini, "Food Waste Management System Using Smart Trashbin", International Journal of Scientific Research in Science and

Technology, Volume 9, Issue 1, ISSN: 2395-6011, PP. 433-439, April 10, 2021 (UGC Care)

9. V. Arthiga, K. Nagajothi, G. Periyanyagi, **N. Ganesh**, “Smart Farming: IOT Based Sensors for Monitoring Agricultural Field Using Single Axis Solar Tracking”, International Journal of Scientific Research in Science and Technology, Volume 9, Issue 1, ISSN: 2395-6011, PP. 640-648, April 10, 2021 (UGC Care)
10. **S. Meenakshi Sundaravel**, Mr. P. Ayyanapparaj, Mr. S. VijayKumar, Mr. S. Yogeshwara “Solar Panel Cooling System”, International Journal of Scientific Research in Science and Technology, Volume 9, Issue 1, ISSN: 2395-6011, PP. 305-309, April 10, 2021 (UGC Care)
11. V. Ramakrishnan, M. Ram kumar, D. Sharoun, **A.S. Vigneshwar**, “IoT Based Battery Monitoring System for E-Vehicle”, International Journal of Scientific Research in Science and Technology, Volume 9, Issue 1, ISSN: 2395-6011, PP. 534-539, April 10, 2021 (UGC Care)
12. T. Senthamarai, S. Ida Princy, M. Vasuki, **A. S. Vigneshwar**, “Solar Panel Hybrid Cleaning System”, International Journal of Scientific Research in Science and Technology, Volume 9, Issue 1, ISSN: 2395-6011, PP. 688-693, April 10, 2021 (UGC Care)
13. Daniel Gold Sam C, Mohamedabdulazeez M, Mithinesh S, **Jeyanthi S**, “Air and Water Quality Monitoring System”, International Journal of Scientific Research in Science and Technology, Volume 9, Issue 1, ISSN: 2395-6011, PP. 973-976, April 10, 2021 (UGC Care)
14. Jeya Deepika K, Pavithra N, Rajeswari A, “A System for Saving Wild Animals from the Forest Fire Using Raspberry PI”, International Journal of Scientific Research in Science and Technology, Volume 9, Issue 1, ISSN: 2395-6011, PP. 589-591, April 10, 2021 (UGC Care)