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Publication Details (last 5 years)

Journal Publications

1. Sriprasath, V.J., Saha, S., Nagasai, L.S., Resmi, R. "Energy audit of an organisation: A case study" Journal of Advanced Research in Dynamical and Control Systems, pp. 1364-1369, 2020.

2. Vanitha V, Resmi R,Vineela V Reddy" Charge Scheduling for Electric Vehicles with minimum waiting time" Computational Intelligence, 2020.

3. Vanitha, V., Sophia J., G., Resmi, R., Raphel, D. " Artificial intelligence-based wind forecasting using variational mode decomposition" Computational Intelligence, 2020.

4. Resmi.R, Vanitha.V," Design and Analysis of Brushless Doubly Fed Induction Machine with 2/6 Pole Configuration", International Journal of Innovative Technology and Exploring Engineering", Vol.8 Issue-7, May 2019.

5. Resmi.R, Vanitha.V,T N P Nambiar,Sasi K kottayil," Design and Implementation of Brushless Doubly Fed Induction Machine with New Stator Winding Configuration", Wind Engineering,2019.

6. Midhun Ranjan, Seenivasagan Gunasekaran, Resmi. Reghu," T-Joint weld optimization using Taguchi method", Journal of Chemical and Pharmaceutical Sciences, No.4,Vol.9, pp 1851-57,Dec 2016.

7. Resmi.R,Vanitha.V, " Modeling of Brushless Doubly Fed Induction Generator with converter control", ARPN Journal of engineering and applied sciences, No.7,Vol.10,April 2015.

8. Anjana Suresh, Resmi, R., & Vanitha, V., Mathematical Model of Brushless Doubly Fed Induction Generator Based Wind Electric Generator. In Power Electronics and Renewable Energy Systems, Springer India, pp. 1477-1487, Feb 2015.

9. Resmi.R,.V,Arun Agoram,Adithya Perumal, V.Vanitha" Design and Analysis of Brushless Doubly Fed Induction Generator", Procedia Technology, Elsevier, volume 21,pp 604-610,Nov 2015.

10. Lakshmi Devadas, V.Vanitha, Resmi.R" Modified Double Vector Control Theory Based Dynamic Voltage Restorer", International journal of Applied Engineering Research, Vol. 10, March 2015.

Conference Publications

1. Vineela V Reddy, Resmi R,Vanitha V" Analysis of Torque Ripple Characteristics of induction motor for whole-coiled and half-coiled windings" International Conference on Automation, Signal processing, Instrumentation and Control (iCASIC-2020), Feb 27-29,2020 .

2. Sai Nikhilesh, K., Harish Raaghavendra, Y., Madhu Soothanan, P.J., Resmi, R," Low-cost IoT based weather monitoring system for smart community", Proceedings of the 4th International Conference on Inventive Systems and Control, ICISC 2020, 2020, pp. 482-486.

3. Shruthi P, Resmi.R" Heart Rate Monitoring using Pulse Oximetry and development of Fitness Application", International Conference on Intelligent Computing, Instrumentation and Control Technologies.(ICICICT-2019),July 5-6,2019.

4. Shruthi P, Resmi.R, "Path Planning For Autonomous Car", International Conference on Intelligent Computing, Instrumentation and Control Technologies ICICICT-2019, July 5-6, 2019.

5. Prabha P, Vanitha V, Resmi.R" Wind forecasting using deep learning",International Conference on Intelligent Computing, Instrumentation and Control Technologies ICICICT-2019, July 5-6,2019.

6. R. Resmi, V. Vanitha,Aravind E,Ramya Sundaram B,Aswin Raj C, Harithaa S, " Detection, Classification and Zone Location of Fault in Transmission Line using Artificial Neural Network", Third IEEE International Conference on Electrical, Computer and Communication Technologies, Feb 20-22 (ICECCT-2019).

7. V Vanitha, D Kavitha, Resmi.R, Pranav M S, " Fault classification and location in Three Phase Transmission Lines using Discrete Wavelet Transform", Third IEEE International Conference on Electrical, Computer and Communication Technologies, Feb 20-22(ICECCT-2019).

8. Jerry Jacob, Adarsh S R, Ashish C K, Resmi R " Miniaturized CPR Feedback device using Arduino and ArdLAB", Third IEEE International Conference on Electrical, Computer and Communication Technologies, Feb 20-22,2019. (ICECCT-2019).

9. Vanitha V, Nithya Remesh and Resmi R,"Hybrid Wind and Solar Based Battery Charging Controller",IEEE International Conference on Innovations in Power and Advanced Computing Technologies, VIT, Coimbatore,22-23 March 2019.(IPACT)

10. Vanitha V, Delna Raphel and Resmi R, "Forecasting of Wind power using Variational Mode Decomposition-Adaptive Neuro Fuzzy Inference System", International Conference on Innovations in Power and Advanced Computing Technologies, VIT, Coimbatore,22-23 March 2019.(IPACT)

11. Resmi.R, Vanitha.V,"Modes of operation of Brushless Doubly Fed Induction Machine", Biennial International Conference on Power and Energy Systems: Towards Sustainable Energy, 2018. (Accepted and Presented)

12. P. Sahin, R. Resmi and V. Vanitha, "PMSG based standalone wind electric conversion system with MPPT," 2016 International Conference on Emerging Technological Trends (ICETT), Kollam, 2016, pp.1-5.

13. J. Srinivasan, K. Selvaraj, J. Chitrarasu and R. Resmi, "Design and analysis of squirrel cage induction motor in short pitch and full pitch winding configurations

using FEA," 2016 International Conference on Emerging Technological Trends (ICETT), Kollam, 2016, pp. 1-10.