Publications

1. Dr.C. Maheswari, Dr.V. Ranganayaki "Performance Analysis of 6/4 Switched Reluctance Motor Fed by Renewable Energy Using Bridgeless SEPIC Converter", Journal of advanced research in dynamical control systems.2020.
2. Maheswari, C., V. Ranganayaki, and R. Divya. "Analysis of a PMDC Motor for Use in Hazardous Location at Ambient Temperature of 550–A Review Study." International Journal of Electrical Engineering and Technology 11, no. 2 (2020): 115-120.
3. Ranganayaki, V., S. N. Deepa, and C. Maheswari. "Improved Wind Speed Prediction Using Various Neural Network Models." International Journal of Electrical Engineering and Technology 11, no. 2 (2020).
4. Ranganayaki, V., & Deepa, S. N ,"Linear and non-linear proximal support vector machine classifiers for wind speed prediction, Cluster Computing, 2018
5. Ranganayaki, V., and S. N. Deepa. "SVM Based Neuro Fuzzy Model for Short Term Wind Power Forecasting." *National Academy Science Letters* 40, no. 2 (2017): 131-134.
6. Ranganayaki, V., & Deepa, S. N. (2016). An intelligent ensemble neural network model for wind speed prediction in renewable energy systems. *The Scientific World Journal*, *2016.*
7. Ranganayaki, V., & Deepa, S. N. "An efficient ensemble neural network model for wind speed prediction in renewable energy systems", Asian journal of research in social sciences and humanities, Vol 6, 2016.
8. Ranganayaki, V., & Deepa, S. N. ,"Optimal Neural Network Models for Wind Speed Prediction", International journal of Electrical Engineering and Technology, vol 6, 2015.
9. Ranganayaki, "V Analysis of Regeneration of Electric Power from Moving Heavy Vehicles." International journal information and computing science, Vol.6, 2019.

Conferences Presented

1. Optimizing the static path planning (SPP) methods and path length analysis based on the level sensing resolution of sensor node in sensor Network (SN), International conference on Multidisciplinary Innovations and Research (ICMIR'19) to be held on 04 and 05 October 2019 At Assumption University of Thailand.
2. Comparative Analysis of Various Neural Network Models for Wind Speed Prediction. "International conference on science technology and management, 14 January 2019 @ Singapore.
3. Speed Monitoring System for BLDC Motor by Using IoT ",National Conference on Cutting Edge Innovations in Engineering and Technology for Societal Welfare" 23 March 2019, at Dr. N.G.P. institute of technology.

4. Chatbot based library management system", National Conference on Cutting Edge Innovations in Engineering and Technology for Societal Welfare" 23 March 2019, at Dr. N.G.P. institute of technology.
5. Analysis of Regeneration of Electric Power from Moving Heavy Vehicles, International conference on Innovative Engineering initiative 13 & 14 March, 2019 at SRM TRP engineering college, Trichy.
6. Ultrasonic Based Road Safety System: Smart Car Doors", National Conference on Recent Advancement In Design, Automation And Intelligent Systems- Dr.N.G.P.IT, March 08, 2018.
7. High Efficient Transformer less Single Phase inverter for PV systems, IEEE International conference on. Innovations in Green Energy and Healthcare Technologies, March 2017 at Dr. NGPIT.
8. Support Vector Machine Based Wind Speed Forecasting" in International Conference on Renewable Energy and Sustainable Environment" held on August 10th to 13th 2015 at Dr. Mahalingam college of Engineering and Technology, Pollachi.
9. A Control Design Approach Using FPGA Based Reconfigurable Virtual Panel" in National symposium (NSPGS 2010) organized by PSG Tech, Coimbatore.
10. Embedded Based Fuel Flow Rate and Totalized Volume Indicator for Automobiles" in 1st international conference (IISM 10) organized by RVS College of Engineering and Technology, Coimbatore.
11. VI Based Security System" at National conference on Recent Trends in Instrumentation held on Dec 2009, organized by RVS College of Engineering, Dindigul.