

Dr. D. SRI VIDHYA

Associate Professor, EEE

K S Rangasamy College of Technology, Thiruchengode

Journal Publications:

1. S Gomathi, **D Sri Vidhya**, T Venkatesan, "Thermoelectric Based Power Generation for Battery Charging" , Bulletin of Scientific Research 1 (2), 55-58 Nov 2019.
2. **D Sri Vidhya**, S Gomathi, T Venkatesan, "Solar Powered Electric Smart Skate Scooter with IoT", International Research Journal of Multidisciplinary Technovation 1 (6), 55-60, 2019.
3. S Gomathi, T Venkatesan, **D. Sri Vidhya**, "Design and Implementation of Fault Current Limiters in Distribution System Using Internet of Things" Springer -Wireless Personal Communications (2018), Vol. 102, pp. 2643–2666. <https://doi.org/10.1007/s11277-018-5281-9>.
4. **D. Sri Vidhya** and T.Venkatesan "Quasi-Z-Source Indirect Matrix Converter Fed Induction Motor Drive for Flow Control of Dye in Paper Mill" *IEEE Transaction on Power Electronics*, Vol. 33, no. 2, pp. 1476-1486, Feb. 2018.(Impact Factor:7.13)
5. **Sri Vidhya D**, Venkatesan T, "Quasi-Z-source indirect matrix converter fed induction motor drive for flow control of dye in paper mill", *IEEE Transactions on Power Electronics* 33 (2), 1476-1486
6. **Sri Vidhya D**, Venkatesan T & Kanagaraj, N 2016, "Fuzzy Logic Controller for Variable Boost Function in Quasi Z Source Indirect Matrix Converter during Voltage Sag Condition", Springer- International Journal of Fuzzy Systems (2017) Vol.19 No. 4 pp. 1093-1103. Doi:10.1007/s40815-016-0221-x ISSN:1562-2479.
7. **Sri Vidhya D** & Venkatesan T 2016, "A Review on Performance Analysis of Matrix Converter Fed AC Motor Drive", *International Journal of Power Electronics and Drive System (IJPEDS)* vol. 7, no. 1, March, pp. 85~93 ISSN: 2088-8694.

8. **Sri Vidhya D**, Venkatesan T and Dinesh K, (2015) “Decentralized Control of Power Flow In Distribution System”, International Journal of Advanced information and communication technology, Vol.1, Issue.12, pp.909-912.
9. **Sri Vidhya D** and Dinesh K, (2015) “Maximum Power tracking in solar System in Uncertain environment using Robust Optimization”, International Journal of Applied Engineering Research ISSN 0973-4562 Vol. 10 No.66 (2015)