Dr.R.K. Pongiannan,
Professor,
Department Of Electrical & Electronics Engineering,
SRM University,
SRM Nagar, Kattankulathur,
Chennai.
E-Mail: Pongiank@Srmist.Edu.In
Mobile: 9842277975

List of Publications:

Last 5 years

1. Suresh S, Murugaperumal K, R.K. Pongiannan, “Real Time Assessment of Power Quality Issues in 11 kV/440 V Distribution Feeder using D-STATCOM,” Transactions of the Institute of Measurement and Control.,. pp 1-18, **2020.**
2. P. Balachennaiah, Shankar K, Pongianna R.K. et al, "Indian Patent-IEMG-power bank: intelligent electronics modern gaugeate power bank," Intellectual Property, Indian Patent publication, Official Journal of the Patent Office, Iss. No. 9/2019 pp. 44488, Appl. No. 201941037444 A, 2019.
3. R.K. Pongiannan et al, “Development of BLDC Motor-Pump System for Domestic Water Pumping Applications,” in Proc. IEEE conf-ISMAC, 2019.
4. Telugu Maddileti, R.K. Pongiannan, V. Kranthi Sai Reddy, V. Sai Jahnavi, S. Prathima, "Development of Microcontroller based Automated Public Transport Ticketing System," Int Journal of Recent Technology and Engineering (IJRTE), Volume-8, Issue-2S11, pp. 3279-3282,September 2019.
5. Telugu Maddileti, Anthony David Victor Raj, Vinayak Neemkar, R.K.Pongiannan, "Data-Driven Analysis and Prediction using Regression Models on Iot Based Drainage Monitoring System," Int. Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol.-8 Iss.12, pp.246-250, Oct 2019
6. Pongiannan R.K. et al "A Simple Multilevel Space Vector Modulation Technique and MATLAB System Generator Built FPGA Implementation for Three-Level Neutral-Point Clamped Inverter," MDPI-Energies, Vol. 12, No.22, pp.1-24, 2019.
7. A. Suresh Kumar, R.K. Pongiannan et al, "A magnetically coupled converter connected three phase voltage source inverter for EV applications," International Journal of Power Electronics and Drive Systems, 2019.
8. C. Bharatiraja,R.K. Pongiannan et al, "A simple switching on-time calculation revision in multilevel inverter-space vector modulation to achieving extended voltage boundary operation," International Journal of Power Electronics and Drive Systems, 2019.