LIST OF PUBLICATIONS OF DC MEMEBERS

FROM ANNA UNIVERSITY AND AFFILIATED COLLEGES

Dr.N.M.Jothi Swaroopan, Professor / EEE

Journal Publication	Year
KY converter with fuzzy logic controller for hybrid renewable photovoltaic/wind power system M Pushpavalli, NM Jothi Swaroopan Transactions on Emerging Telecommunications Technologies, e3989	2020
IOT based statistical performance improvement technique on the power output of photovoltaic system P Sivagami, NM Jothiswaroopan Journal of Ambient Intelligence and Humanized Computing, 1-15	2020
Smart methodology for performance improvement of energy sources for home application P Sivagami, NMJ Swaroopan, Microprocessors and Microsystems 74, 103042	2020
An Improved Single Stage Phase Shifted Control Based AC–DC PFC Converter for Wireless Applications U Nagabalan, NMJ Swaroopan, Wireless Personal Communications, 1-12	2020
Control Strategy Using PV Based LUO Converter for a Micro Grid to an Unelectrified Zone NMJS 6. P.Sivagami, Journal of Green Engineering 10 (2)	2020
Smart Monitoring and Analyzing Process Level of Boiler Water Treatment Plant 2. N.M. Jothi Swaroopan, A.Mano Garan, T.Surya Annamalai, E.Sai Teja, International Journal of Recent Technology and Engineering 9 (2), 1003-1006	2020
Performance enhancement of photovoltaic system using genetic algorithm-based maximum power point tracking B Nagarani, J NESAMONY, Turkish Journal of Electrical Engineering & Computer Sciences 27 (4), 3015-3025	2019
Performance analysis of hybrid photovoltaic/wind energy system using KY boost converter M Pushpavalli, NMJ Swaroopan, International Journal of Power Electronics and Drive Systems 10 (1), 433	2019
Performance Measures of Positive Output Superlift Luo Converter Using Multitudinous Controller S Ponnalagarsamy, NMJ Swaroopan, International Journal of Power Electronics and Drive Systems 9 (2), 704	2018

Highly reliable inverter topology with a novel soft computing technique to eliminate leakage current in grid-connected transformerless photovoltaic systems S Kirthiga, NMJ Swaroopan Computers & Electrical Engineering 68, 192-203	2018
Biometric Emotion Recognition Using Adaptive Neuro Fuzzy Inference System VPNMJS S. Kavitha Middle-East Journal of Scientific Research 25 (8), 1644-1649	2017
Design of intelligent controller to reduce the torque ripple in a brushless DC motor drive V Shanthamoorthy, NM Jothi Swaroopan International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	2014
An Efficient Intelligent Clustering Tool based on Hybrid Fuzzified Algorithm for Electrical Data AJM Rani, L Parthipan, NMJ Swaroopan International Journal of Computer Applications 84 (8)	2013