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1.	Machine Learning Based Condition Recognition System for Bikers C Chellaswamy, M Saravanan, M Abirami, R Boosuphasri, M Balaji 2020 7th International Conference on Smart Structures and Systems (ICSSS), 1-6	2020
2.	Deep Learning Based Pothole Detection and Reporting System C Chellaswamy, M Saravanan, E Kanchana, J Shalini 2020 7th International Conference on Smart Structures and Systems (ICSSS), 1-6	2020
3.	Role of dual input fuzzy controller for better production of real power in wind systems, RM Elavarasan, M Saravanan, J. Electr. Eng. 19 (2), 44	2019
4.	EFFICIENT SLIDING MODE PI CONTROLLER FOR FAULT RECOVERY IN GRID CONNECTED WIND ENERGY CONVERSION SYSTEM RM ELAVARASAN, M Saravanan	2019
5.	A novel modeling approach to predict the output performance of photovoltaic modules under different environmental conditions MSA Kareem, M Saravanan, Simulation 94 (10), 861-872	2018
6.	Diagnosis of abnormal heartbeat using wavelet transform M Saravanan, GK Rajini, S Naseera, MJP Priyadarsini, 2017 Innovations in Power and Advanced Computing Technologies (i-PACT), 1-6	2017
7.	Power management in microgrid using PI controller tuned by particle swarm optimization, P Malathi, M Saravanan, 2017 Innovations in Power and Advanced Computing Technologies (i-PACT), 1-6	2017
8.	Optimization of process parameters during wire electrical discharge machining of Ti Gr 2 for improving corner accuracy, M Saravanan, AMV Kumar, VN Kannan, ISS Thangaiah, Materials Today: Proceedings 4 (2), 2105-2113	2017
9.	Optimization of surface roughness for duplex brass alloy in EDM using response surface methodology, S Marichamy, M Saravanan, M Ravichandran, B Stalin Mechanics and Mechanical Engineering 21 (1), 57-66	2017
10.	Sensorless Speed Control of BLDC Motor using NLMS Filter Algorithm NJ Sujatha, M Saravanan, Int. J. Advanced Research in Science Engineering and Technology 3 (8), 2534-2554	2016
11.	ARTIFICIAL NEURAL NETWORK MODEL AND GENETIC ALGORITHM-BASED OPTIMIZATION DURING ELECTRIC DISCHARGE MACHINING OF ALPHA-BETA BRASS, S Marichamy, M Saravanan, M Ravichandran, S Nagarajan, G Veerappan, Journal of Machining and Forming Technologies 8 (3/4), 89-101	2016

12.	Simulation and experimental validation of new MPPT algorithm with direct control method for PV application, MS Sundarrajan Venkatesan JOURNAL OF RENEWABLE AND SUSTAINABLE ENERGY 8 (4)	2016
13.	"Modeling and simulation analysis of solar PV energy system with luo converter using state-space averaging technique", MS Sundarrajan Venkatesan International Journal of Advanced Engineering Technology 7 (2)	2016
14.	Microprocessors and interfacing, NS Kumar, M Saravanan, S Jeevananthan, SK Shah Oxford University press	2016
15.	A Comparative Study Of Fuzzy Logic Controllers For BLDC Motor Drive MS NJ Sujatha, ARPN Journal of Engineering and Applied Sciences 10 (9)	2015
16.	En-Route Vehicular Traffic Optimization, M Saravanan, A Kumar International Journal of Advanced Computer Science and Applications 6 (2	2015
17.	Autonomous control of interlinking converter in hybrid PV-wind microgrid M Shamily, M Saravanan, Journal of Electrical and Electronics Engineering 10, 2278-1676	2015
18.	Implementation of a Sliding Mode Controller for Single Ended Primary Inductor Converter, SM Venkatanarayanan Subramanian, Journal of Power Electronics 15 (1), 39-53	2015
19.	Design of Parallel-Operated SEPIC Converters Using Coupled Inductor for Load-Sharing, SM V Subramanian, Journal of Power Electronics 15 (2), 327-337	2015
20.	Autonomous control of interlinking converter in hybrid PV-wind microgrid MS M Saravanan, IOSR Journal 10 (1), 20-26	2015