

LIST OF PUBLICATIONS OF DC MEMEBERS
FROM OTHER UNIVERSITY / INSTITUTIONS

Dr. I. Jacob Raglend, Professor / Electrical Engineering

Journal Publication	Year
Intelligent Controller Based Solar Photovoltaic with Battery Storage System for Conditioning the Electrical Power R Dharavath, IJ Raglend, Soft Computing for Problem Solving, 43-54.	2020
Intelligent controller based solar photovoltaic with battery storage, fuel cell integration for power conditioning IJ Raglend, R Dharavath, International Journal of Renewable Energy Research (IJRER), 9 (2), 859-867	2019
An advanced protection coordination technique for solar in-feed distribution systems, MV Tejeswini, IJ Raglend, T Yuvaraja, BN Radha, Ain Shams Engineering Journal, 10 (2), 379-388	2019
Integration of utility grid with hybrid generation for power quality conditioning using dynamic voltage restorer, R Dharavath, IJ Raglend, International Journal of Renewable Energy Research (IJRER) 9 (1), 56-64	2019
A review to economic dispatch of hybrid microgrids, K Vankadara, IJ Raglend, Serbian Journal of Electrical Engineering 16 (2), 233-246	2019
Grid Integration of Fuzzy-Based Solar Photovoltaic with Battery Storage System for Conditioning the Electrical Power R Dharavath, IJ Raglend, Applications of Computing, Automation and Wireless Systems in Electrical Engineering	2019
A Novel Crow Search based Strategy for Maximum Power Point Tracking of Wind Turbines Driven by Doubly Fed Induction Generator CC Kumar, IJ Raglend, International Journal of Simulation--Systems, Science & Technology 19 (6)	2018
A Bibliographical Survey on Integration of Hybrid Renewable Energy Sources with Diesel Generator and Storage System. R Dharavath, IJ Raglend, SP Karthikeyan, JB Edward, Journal of Engineering Science & Technology Review 11 (5)	2018
Fuzzy Controller Based Solar Photovoltaic System, Fuel Cell Integration for Conditioning the Electrical Power R Dharavath, IJ Raglend, Journal of Green Engineering 8 (3), 301-318	2018
Implementation Of Current Control Technique In Grid Connected Solar Photovoltaic Systems For Power Quality Improvement. R Dharavath, IJ Raglend, CV Ganesh, Journal on Electrical Engineering 11 (4)	2018

Sequential wavelet-ANN with embedded ANN-PSO hybrid electricity price forecasting model for Indian energy exchange SE Peter, IJ Raglend, Neural Computing and Applications 28 (8), 2277-2292	2017
Up and down conversion of photons with modified perturb and observe mppt technique for efficient solar energy generation A Manmohan, A Prasad, R Dharavath, SP Karthikeyan, IJ Raglend Energy Procedia 117, 786-793	2017
Grid connected solar photovoltaic-fuel cell based hybrid system with dynamic voltage restorer R Dharavath, IJ Raglend, JB Edward, SA Shaaban J. Adv. Res. Dyn. Control Syst 9 (8), 09-17	2017
Voltage Regulation Using PI Control of STATCOM with Firefly Algorithm SF Stephen, IJ Raglend International Journal of Mechanical Engineering and Technology 8 (8)	2017
Inverse kinematics solution of a five joint robot using narx algorithm GJ Raglend, MD Anand, D Prabha Journal of Chemical and Pharmaceutical Sciences 9 (4), 2677-2687	2016
Solution for a Five Link Industrial Robot Manipulator Inverse Kinematics Using Intelligent Prediction Response Method ASA Ghias, MD Anand, IJ Raglend, F Shamila Indian Journal of Science and Technology 9, 21	2016
N-1 Contingency analysis in a Congested power system and enhance the voltage stability using FACTS Devices R Retnamony, IJ Raglend, IJCTA 9 (7), 3147-3157	2016
A survey of modulation techniques for a series connected voltage source inverters LJ Varghese, C KeziSelvaVijila, IJ Raglend Int J Adv Engg Tech/Vol. VII/Issue II/April-June 571, 581	2016
Cuckoo search (CS)-NFC-based UPQC for compensating voltage sag of nonlinear load KR Suja, J Raglend, Journal of Experimental & Theoretical Artificial Intelligence 27 (6), 703-720	2015
A wideband widebeam tapered slot array antenna for active electronically scanned array antenna BSK Lekshmi, IJ Raglend, International Journal of Communications 4, 10-16	2015
Design of a Wideband Widebeam Vivaldi Phased Array Antenna for X-band Airborne Radar Applications BSK Lekshmi, IJ Raglend, parameters 3, 10	2015