

<b>Dr. S. Selva perumal publications</b>	
<a href="#">Online optimization based model predictive control on two wheel Segway system</a> G Prabhakar, S Selvaperumal, PN Pugazhenth, K Umamaheswari, ... Materials Today: Proceedings	2020
<a href="#">EANFIS-based Maximum Power Point Tracking for Standalone PV System</a> P Veera Manikandan, S Selvaperumal IETE Journal of Research, 1-14	2020
<a href="#">MGWO-PI controller for enhanced power flow compensation using unified power quality conditioner in wind turbine squirrel cage induction generator</a> SLK Bharathi, S Selvaperumal Microprocessors and Microsystems, 103080	2020
<a href="#">3D Modeling of MFL Imaging System to Detect Surface Discontinuities in Ferromagnetic Tubes</a> RS Ganesh, P Karuppasamy, A Abudhahir, R Vinoth, S Selvaperumal MATERIALS EVALUATION 78 (3), 379-386	2020
<a href="#">A fuzzy-elephant herding optimization technique for maximum power point tracking in the hybrid wind-solar system</a> Veera manikandan, Paramasivam, S Selvaperumal INTERNATIONAL TRANSACTIONS ON ELECTRICAL ENERGY SYSTEMS 30 (3)	2020
<a href="#">Help-3D Modeling of MFL Imaging System to Detect Surface Discontinuities in Ferromagnetic Tubes</a> RS Ganesh, P Karuppasamy, A Abudhahir, R Vinoth, S Selvaperumal Materials Evaluation 78 (3)	2020
<a href="#">A fuzzy-elephant herding optimization technique for maximum power point tracking in the hybrid wind-solar system</a> P Veeramanikandan, S Selvaperumal International Transactions on Electrical Energy Systems 30 (3), e12214	2020
<a href="#">Experimental Analysis of Performance and Thermal Capability of Three Phase Squirrel Cage Induction Motor Using Plastered Composite Conductors</a> N Balamurugan, S Selvaperumal Current Nanomaterials 4 (3), 201-205	2019
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<a href="#">A Novel Robust Medical Image Watermarking Employing Firefly Optimization for Secured Telemedicine</a> A Sivaprakash, SNE Rajan, S Selvaperumal Journal of Medical Imaging and Health Informatics 9 (7), 1373-1381	2019
<a href="#">Real time Processing in Control, Computer Vision and Power Electronics</a> S Selvaperumal Current Signal Transduction Therapy 14 (1), 4-4	2019
<a href="#">ANN-based maximum power point tracking for a large photovoltaic farm through wireless sensor networks</a> K Annaraja, SS Sundaram, S Selvaperumal, G Prabhakar Current Signal Transduction Therapy 14 (1), 38-48	2019

<a href="#">Anfis Classifier Based Moving Object Detection and Segmentation in Indoor and Outdoor Environments</a> A Shyamala, S Selvaperumal, G Prabhakar Current Signal Transduction Therapy 14 (1), 21-30	2019
<a href="#">The possibility of the combination of OCT and fundus images for improving the diagnostic accuracy of deep learning for age-related macular degeneration: a preliminary experiment</a> TK Yoo, JY Choi, JG Seo, B Ramasubramanian, S Selvaperumal, DW Kim Medical & biological engineering & computing 57 (3), 677-687	2019
<a href="#">Fuzzy PD plus I control-based adaptive cruise control system in simulation and real-time environment</a> G Prabhakar, S Selvaperumal, P Nedumal Pugazhenthithi IETE Journal of Research 65 (1), 69-79	2019
<a href="#">Asymmetrical Cascaded H-Bridge 41 Level Inverter with Single PV system</a> S Selvaperumal, MSS Sundari, KS Subramanian 2018 IEEE International Conference on Computational Intelligence and ...	2018
<a href="#">Hardware Implementation of Asymmetrical Cascaded H-Bridge 41 Level Inverter using PIC Microcontroller</a> S Selvaperumal, MSS Sundari, KS Subramanian 2018 International Conference on Smart Systems and Inventive Technology ...	2018
<a href="#">Real Time Processing in Control, Computer Vision and Power Electronics</a> S Selvaperumal, NA Gounden, CC Asir Rajan Current Signal Transduction Therapy 13 (1), 2-2	2018
<a href="#">Formation Control of Cyber Physical Robots in Marine Applications</a> G Prabhakar, S Selvaperumal NISCAIR-CSIR, India	2018
<a href="#">A comparative analysis of multicarrier modulation strategies for cascaded H-Bridge multilevel inverter</a> S Selvaperumal, MS Sundari Journal of computational and theoretical nanoscience 14 (12), 6020-6029	2017
<a href="#">Design and analysis of FPGA controller based pulse width modulation boost rectifier in marine applications</a> S Palanisamy, V Rajasekaran, S Selvaperumal Journal of Computational and Theoretical Nanoscience 14 (12), 5851-5857	2017
<a href="#">Performance investigation of SHE PWM implementation of GA based LCL resonant inverter in marine applications</a> S Selvaperumal, S Muralidharan, PN Pugazhenthithi, G Prabhakar, ... NISCAIR-CSIR, India	2017
<a href="#">Closed loop performance investigation of various controllers based chopper fed DC drive in marine applications</a> S Selvaperumal, PN Pugazhenthithi, A Amudha NISCAIR-CSIR, India	2017
<a href="#">Modal based analysis of binary adders with fault tolerance using QCA in marine applications</a> KS Banu, P Karuppasamy, S Selvaperumal, PN Pugazhenthithi NISCAIR-CSIR, India	2017

<a href="#">Evaluation of steady state voltage stability margin of a power system using search group algorithm</a> SP Rajaram, S Selvaperumal Journal of Computational and Theoretical Nanoscience 13 (11), 8326-8332	2016
<a href="#">Analysis on soft sensor design in Simulink</a> S Muthuviswadarani, G Prabhakar, S Selvaperumal 2016 International Conference on Advanced Communication Control and ...	2016
<a href="#">Modelling and control of ball and beam system using PID controller</a> PVM Maalini, G Prabhakar, S Selvaperumal 2016 International Conference on Advanced Communication Control and ...	2016
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<a href="#">Computation of maximum loadability limit of a power system using parallel mutation particle swarm optimization (PMPSO)</a> SP Rajaram, S Selvaperumal 2016 International Conference on Advanced Communication Control and ...	2016
<a href="#">Fault detection and classification with optimization techniques for a three-phase single-inverter circuit</a> V Gomathy, S Selvaperumal Journal of Power Electronics 16 (3), 1097-1109	2016
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<a href="#">Performance investigation of genetic algorithm based LCL resonant converter in marine applications</a> S Selvaperumal, S Vijayarajan, PN Pugazhenth, G Prabhakar, ... NISCAIR-CSIR, India	2016
<a href="#">Assessment of anti-windup PI controlled induction motor drive using V/F method</a> N Balamurugan, S Selvaperumal Int J Adv Engg Tech/Vol. VII/Issue I/Jan.-March 964, 968	2016
<a href="#">Design of artificial neural network based control scheme for the management of the unified power flow controller in a single machine infinite bus bar system</a> K Pounraj, S Selvaperumal Int J Adv Engg Tech/Vol. VII/Issue I/Jan.-March 593, 596	2016
<a href="#">Dynamic performance investigation of DQ model based UPFC with various controlling techniques</a> K Pounraj, S Selvaperumal International Journal of Applied Engineering Research 9 (21), 10651-10670	2014
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<a href="#">An integrated design of current conveyor II based analog PID controller and analyze the control by using PID tuning rule</a> KV Sainath, G Prabhakar, S Selvaperumal Applied Mechanics and Materials 573, 242-247	2014
<a href="#">Performance investigation of DQ model for PI and fuzzy controller based UPFC</a> K Poun Raj, V Raja Sekaren, S Selvaperumal, N Mageswari Applied Mechanics and Materials 573, 310-316	2014
<a href="#">Investigation of fuzzy control based LCL resonant converter in RTOS environment</a> S Selvaperumal, C Rajan Journal of Intelligent & Fuzzy Systems 26 (2), 913-924	2014