Name :Dr.S. Thangavel
Designation : Associate Professor

Department: Electrical and Electronics Engineering

Address : National Institute of Technology

Puducherry

Thiruvettakudy

Karaikal, Puducherry-609 609.

1.Power Quality Improvement Using Multilevel Inverter Based Dynamic Voltage Restorer with PI Controller

M Maheswari, S Thangavel, RS Kumar, C Vivekanandan

Power Electronics and Renewable Energy Systems, 721-729(2015)

2. Simulation and Practical Analysis on Power Factor Correction Techniques for Welding Applications M Thiruvenkadam, S Thangavel, S Paramasivam

Applied Machanics and Materials 785, 108, 204(2015)

Applied Mechanics and Materials 785, 198-204(2015)

3.Design and Analysis of Three Phase Four Wire Shunt Active Filter with Neural Network Controller for Different Loading Condition VV Karthikeyan, S Thangavel, R Sasikala

Power Electronics and Renewable Energy Systems, 1027-1025(2015)

4.A review paper on torque ripple reduction in brushless DC motor drives with different multilevel inverter topology S Arunkumar, S Thangavel

Indonesian J ElectrEng 13 (1), 65-75(2015)

5.Implementation of intelligent control strategies on current ripple reduction and harmonic analysis at the converter side of the industrial inverters and tradeoff analysis.

R Sagayaraj, S Thangavel

Journal of Theoretical & Applied Information Technology 65 (2)(2015)

6.Performance analysis of direct torque controlled BLDC motor using fuzzy logic

V Geetha, S Thangavel

International Journal of Power Electronics and Drive Systems 7 (1), 144(2016)

7.Time Varying Acceleration Coefficients With Dominant Social Component Particle Swarm Optimization For Interconnected Power System

S Surendiran, S Thangavel

ARPN Journal of Engineering and Applied Sciences 11 (3), 1936-1946(2016)

8.Optimization of PID controller parameters in interconnected power system using index curve based technique S Surendiran, S Thangavel, R Kannan

2016 6th International Conference on Intelligent and Advanced Systems (ICIAS ... 2016)

9.Intelligent control strategies based investigations on performance of boost converters for AC drives S Thangavel

Chennai(2016)

10.Modeling simulation analysis and real time implementation of inverter based Butt welding machine

S Thangavel

Chennai(2017)

11.Fuzzy gain scheduling of optimal PID controller for load frequency control of two area interconnected power system

S Thangavel

Chennai(2017)

12.Modeling and Simulation Analysis of Power Cable a Three Level Inverter Fed Induction Motor Drive

N Shanmugasundaram, S Thangavel

Journal of Computational and Theoretical Nanoscience 14 (2), 972-978(2017)

13.Optimization of Large-Scale Solar Hot Water System Using Non-traditional Optimization Technique

EB Priyanka, S Thangavel

J Environ Sci Allied Res 2018, 05-14(2018)

14.Advanced Enhancement Model of Bionics Fish Cilia MEMS Vector Hydrophone-Systematic Analysis Review

EB Priyanka, S Thangavel

International Journal of Applied Physics 3(2018)

15.Design of Magnitude Comparator Using Reversible Logic Gates

S Karunamurthi, S Thangavel, SP Boopalan

LAP LAMBERT Academic Publishing(2018)

16.Proactive Decision Making Based IoT Framework for an Oil Pipeline Transportation System EB Priyanka, C Maheswari, S Thangavel

International conference on Computer Networks, Big data and IoT, 108-119(2018)

17.Performance analysis of direct torque controlled BLDC motor using fuzzy logic

V Geetha, S Thangavel

International Journal of Power Electronics and Drive Systems 7 (1), 144(2018)

18.Online monitoring and control of flow rate in oil pipelines transportation system by using PLC based Fuzzy-PID Controller

EB Priyanka, C Maheswari, S Thangavel

Flow Measurement and Instrumentation 62, 144-151(2018)

19.Remote monitoring and control of LQR-PI controller parameters for an oil pipeline transport system

EB Priyanka, C Maheswari, S Thangavel

Proceedings of the Institution of Mechanical Engineers, Part I: Journal of ...(2019)

20.Design of Digital Logic Using Verilog HDL N Shanmugasundaram, S Thangavel, EN Ganesh LAP LAMBERT Academic Publis(2019)

21.Design and analysis of adaptive jet engine frame and thrust mounts S Thangavel, EB Priyanka LAP LAMBERT Academic Publishing(2019)

22.SCADA Based Remote Monitoring and Control of Pressure & Flow in Fluid Transport System Using IMC-PID Controller

EB Priyanka, C Maheswari, M Ponnibala, S Thangavel

Advances in Systems Science and Applications 19 (3), 140-162(2019)