

**STAFF PUBLICATIONS-JOURNAL
2017-2018**

S.No	Author	Title	Journal Name / Proceedings
1	Dr.K.Renganathan	Estimation based fault diagnosis & identification in sequential industrial batch processes modeled as hybrid petrinets	IEEE Explore
2	Ms.C.Komathi	Performance optimization of a Quadruple tank system using Particle Swarm Optimization Algorithm	Advances in Natural & Applied sciences
3	Ms.C.Komathi	Performance optimization of a Decoupled Quadruple Tank System Using Fractional Order Proportional Integral Controller	International Journal of Electronics, Electrical and Computational System IJEECS
4	Ms.C.Komathi	Multi objective Bacterial Foraging Optimization Algorithm for Power Factor Correction using Interleaved DC-DC SEPIC Converter	IEEE Explore
5	Ms.K.Thirupura Sundari	Maturity detection of fruits and vegetables using K-means clustering technique	International Journal of Engineering Technology Science and Research
6	Ms.M.Nalini	Efficient Control of glucose level in blood using different PID tuning techniques	Journal of Advanced research in Dynamical and control systems
7	Ms.M.Nalini	Controlling of blood glucose including the effect of FFA Dynamics	Pakistan journal of BioTechnology
8	Ms.M.Nalini	Non conventional energy harvesting using foot pressure	Pakistan journal of BioTechnology
9	Ms.M.Nalini	Emergency alert for caged animals	Pakistan journal of BioTechnology
10	Ms.M.Nalini	Lacto pure-Electrochemical purification of milk	Journal of Advanced research in Dynamical and control systems

11	Ms.M.Nalini	Non-Invasive Heart rate monitoring system for detecting abnormalities in fetal	SEEE Digibook on Engineering & technology
12	Ms.S.Durgadevi	Analysis & Design of single phase power factor correction using DC-DC SEPIC converter with Bang-Bang & PSO based fixed PWM Techniques	Energy Procedia
13	Ms.S.Durgadevi	Adaptive neuro fuzzy logic controller based current mode control for single phase power factor correction using DC-DC SEPIC converter	IEEE Explore
14	Ms.S.Durgadevi	Analysis & Design of single phase power factor correction using DC-DC SEPIC converter for fast dynamic response using genetic algorithm optimised PI controller	IET circuits,Devices & systems
15	Ms.S.Durgadevi	Analysis & Design of single phase power factor corrector with genetic algorithm and adaptive neuro-fuzzy based sliding mode controller using DC-DC SEPIC	Neural Computing & Applications
16	Mr.K.Anbumani	Design of fuzzy level control for diesel interstage drum using MATLAB	International Journal of Pure & Applied Mathematics
17	Ms.S.Subha	An interleaved high frequency flyback micro inverter using sliding mode control algorithm	Pakistan journal of BioTechnology
18	Ms.R.Gayathiri	Wearable real time Health & security monitoring scheme for sports person	Journal of Advanced research in Dynamical and control systems
19	Mr.R.Premkumar	A study on motivation level of employees in automobile industry	International journal of mechanical engg & technology
20	Ms.B.Puviyarasi	Control & implementation of an autonomous sailboat	International Journal of Pure & Applied Mathematics