

LIST OF PUBLICATIONS

Dr.K.Vijayakumar, M.E., Ph.D.

1. V. Karpagam K. Vijayakumar, P. Kathirvel,” Adaptive Tuned Controller Parameters for Non-Linear Tanks”, International Journal of Innovative Technology and Exploring Engineering, vol.8, no. 9, pp-361-365. 2019
2. P. Kathirvel, Dr. K. Vijayakumar, M. Ganeshan, “Simulated Annealing Based Voltage Source Inverter Design For Harmonic Mitigation”, International Journal of Innovative Research and Advanced Studies (IJIRAS)., Volume 4 Issue 2, Page No. 227-231, 2017.
3. K.Vijayakumar, T.Manigandan, “Nonlinear PID Controller Parameter Optimization using Enhanced Genetic Algorithm for Nonlinear Control System”, Journal of control engineering and applied informatics, Vol.18, no.2, pp.3-10, 2016
4. K.Vijayakumar,T.Manigandan, “Design of Optimized Non-Linear Controller for CSTR Process”, Asian Journal research in social sciences and humanities, Vol.6, no.8 & pp.2448-2460, 2016
5. K.Vijayakumar, T.Manigandan, “Design of Soft Computing Based Nonlinear Model Predictive Controller for the CSTR Process”, World Engineering & Applied Sciences Journal, Vol.6 no.1 &PP. 32-40, 2015
6. Vijayakumar Kaliappan, Manigandan Thathan, “Enhanced ABC based PID Controller for Nonlinear Control Systems”, Indian Journal of Science and Technology, Vol: 8, no.7 pp.48–56, 2015
7. K.Vijayakumar, P.Kathirvel, “Analysing the performance of cascaded H-Bridge multilevel inverter with three phase multiwinding transformer and single phase supply” IOP conference series, Materials science and Engineering, 2020