LIST OF PUBLICATIONS OF DC MEMEBERS

FROM ANNA UNIVERSITY AND AFFILIATED COLLEGES

Dr.C.Agees Kumar, Professor / EEE

Journal Publication	Year
Iot based sustainable wind green energy for smart cites using fuzzy logic based fractional order darwinian particle swarm optimization AJG Malar, CA Kumar, AG Saravanan Measurement 166, 108208	2020
Novel fuzzy fractional order PID controller for non linear interacting coupled spherical tank system for level process A Jegatheesh, CA Kumar Microprocessors and Microsystems 72, 102948	2020
Segmentation by Fractional Order Darwinian Particle Swarm Optimization Based Multilevel Thresholding and Improved Lossless Prediction Based Compression Algorithm for Medical Images AKC Ahilan A, IEEE ACCESS, 89570 - 89580	2019
Novel computer-aided diagnosis of lung cancer using bag of visual words to achieve high accuracy rates AKC Thinkal Dayana C The Journal of Engineering 2018 (12), 1941 – 1946	2018
Combining the FCM Classifier with Various Kernels to Handle Non-linearity of Class Boundaries AP Byju, A Kumar, A Stein, AS Kumar Journal of the Indian Society of Remote Sensing 46 (9), 1519-1526	2018
Novel bacterial foraging-based ANFIS for speed control of matrix converter-fed industrial BLDC motors operated under low speed and high torque TS Sivarani, SJ Jawhar, CA Kumar Neural Computing and Applications 29 (12), 1411-1434	2018
Antlion Algorithm Optimized Fuzzy PID Supervised On-line Recurrent Fuzzy Neural Network Based Controller for Brushless DC Motor KPBVM Agees Kumar C Electric Power Components and Systems 1 (1), 1	2018
Robust PID Controller Design for Various Processes using Novel Hybrid Metaheuristic Algorithms KG Agees Kumar C,Saranya Rajeshwaran Journal of Dynamic Systems Measurement and Control 1 (1)	2018
Cayley Bipolar Fuzzy Graphs Induced By Loops KT Neethu, A Kumar Global Journal of Pure and Applied Mathematics 13 (9), 6681-6693	2017

Adaptive Feature Selection Based Improved Support Vector Machine Classifier Using Adaboost and Genetic Algorithm for Web Interaction Mining B Kaviyarasu, AVS Kumar, International Journal of Applied Engineering Research 12 (20), 10138-10144	2017
Web Interaction Mining Using Adaptive Feature Selection Based Improved Extreme Learning Machine (AFS-IELM) Classifier B Kaviyarasu, AVS Kumar Global Journal of Pure and Applied Mathematics 13 (11), 7695-7707	2017
Detection of Diabetic Retinopathy with Support Vector Machine Classifier Using Various Transformations AKC T. Ajitha, N. Kesavan Nair, T. Ajith Bosco Raj J. Comput. Theor. Nanosci. 14 (1), 4641-4647	2017
Optimal tuning of PID controllers for dead-time systems using Stud genetic algorithms KG Agees Kumar C Journal of Vibration and Control 22 (10), 2503–2518	2016
Intensive random carrier pulse width modulation for induction motor drives based on hopping between discrete carrier frequencies AKCSTSJ Jawhar S, IET Power Electronics 9 (3), 417-426	2016
Multiobjective robust PID controller design for various industrial processes C Kumar, NK Nair, AI Communications 28 (3), 567-578	2015
A novel space vector technique for the direct three-level matrix converter CA Kumar, TS Sivarani, SJ Jawhar Research Journal of Applied Sciences, Engineering and Technology 8 (16, 1838-1854)	2014