Name: Dr. C AGEES KUMAR

professor,

Department of EEE,

Arunachala College of Engineering for Women

Phone Number: 9994174074

E-mail ID : ageesofficials@gmail.com

Pincode : Manavilai Rd, Manavilai, Nagercoil, Tamil Nadu 629203

RESEARCH PUBLICATIONS

1. Jegatheesh, C. Agees Kumar, "Novel fuzzy fractional order PID controller for non linear interacting coupled spherical tank system for level process", Microprocessors and Microsystem (Elsevier) Microprocessors and Microsystem (Elsevier), Volume 72,2020,1.161,839

- 2. Jasmine Gnana Malar, C Agees Kumar, A Gnana Saravanan, "Iot based sustainable wind green energy for smart cites using fuzzy logic based fractional order Darwinian particle swarm optimization", Measurement (Elsevier), Vol.166, 2020, **3.364**, 8231
- 3. Agees Kumar C,Ahilan A, "Segmentation by Fractional Order Darwinian Particle Swarm Optimization based Multilevel Thresholding and Improved Lossless Prediction based Compression", IEEE Access, Vol.7,2019, **4.068**
- 4. C.Agees Kumar, T.S.Sivarani,S. Joseph Jawhar, Prem Kumar, "Novel bacterial foraging-based ANFIS for speed control of matrix converter-fed industrial BLDC motors operated under low speed and high

torque", Neural Computing and Applications, Vol.29, No.12, 2018, 2.505, 8721

- 5. C.Agees Kumar, Prem Kumar, B V, Manikandan, "Antlion Algorithm Optimized Fuzzy PID Supervised On-line Recurrent Fuzzy Neural Network Based Controller for Brushless DC Motor", Electric Power Components and Systems, Vol. 45, No. 20, 2018, **1.22**, 3250
- **6.** C Agees Kumar, Saranya Rajeswaran, Kanthaswamy Ganapathy, "Robust PID Controller Design for Various Processes using Novel Hybrid Metaheuristic Algorithms", Journal of Dynamic Systems Measurement and Control, Vol.140 No.8, 2018, **1.388**, 6259
- 7. Agees Kumar C,Thinkal Dayana C, "Novel computer-aided diagnosis of lung cancer using bag of visual words to achieve high accuracy rates", The Journal of Engineering (IET), Vol.201 8No.12, 2018, **0.35**
- 8. C.Agees Kumar, T.S.Sivarani,S. Joseph Jawhar, "An Intensive Random Carrier Pulse Width Modulation For Induction Motor Drives Based On Hopping Between Discrete Carrier Frequencies", IET Power Electronics, Vol.9, No. 3, 2016, 1.683, 4775
- 9. C Agees Kumar, Kanthaswamy Ganapathy, Jovitha Jerome, "Optimal tuning of PID controllers for dead- time systems using Stud

genetic algorithms", Journal of Vibration and Control, Vol. 22,No. 10, 2016, **4.456**, 7734

10. Agees Kumar C, Kesavan Nair N, "Multiobjective Robust PID Controller Design for various industrial processes", AI Communications, Vol. 28,No. 3, 2016, **0.547**, 438