

LIST OF PUBLICATIONS

I. Publications in Journals

International Journals

- [1] **S. Anbarasi**, S. Muralidharan “Enhancing the Transient Performances and Stability of AVR System with BFOA Tuned PID Controller” Journal of Control Engineering and Applied Informatics Vol.18, No.1 pp. 20-29, 2016 Impact Factor: 0.537
- [2] **S. Anbarasi**, S. Muralidharan “Hybrid BFPSO Approach for Effective Tuning of PID Controller for Load Frequency Control Application in an Interconnected Power system ” Journal Of Electrical Engineering & Technology Vol.12, No.3 pp. 1027-1037, 2017 Impact Factor: 0.679
- [3] **S. Anbarasi**, S. Muralidharan “Metaheuristic Optimized PID Tuning For Load Frequency Control Of Multi- Area Multi- Source Power System With And Without HVDC Link ” Journal of Electrical Engineering Vol.17, No.2 pp. 1-11, 2017 Impact Factor: 0.664
- [4] **S. Anbarasi**, S. Muralidharan “Intelligent tuning of proportional integral derivative controller using hybrid bacterial foraging particle swarm optimization for automatic voltage regulator system” Revue Roumaine Des Sciences Techniques SerieElectrotechnique Et Energetique Vol. 62, 3,pp 325-331, 2017 Impact Factor: 0.333
- [5] **S. Anbarasi**, S. Muralidharan “Application of Bacterial Foraging Optimization Algorithm for improving Control and Stability” Technics Technologies Education Management Volume 9, Number 2, pp. 479-486,2014 Impact Factor:0.414
- [6] **S. Anbarasi**, S. Muralidharan “Design of Specification Oriented Compensator with a PID Controller for Load Frequency Control” Published on: Applied Mechanics and Materials Journal, Vol. 573, pp 248-253, 2014
- [7] **S. Anbarasi**, S. Muralidharan “Transient Stability Improvement of LFC and AVR Using Bacteria Foraging Optimization Algorithm” International Journal of Innovative Research in Science, Engineering and Technology. Volume 3, Special Issue 3, pp-124129, March 2014
- [8] V. Sivakumar, **S. Anbarasi** et.al “Influence of cetyl alcohol and enteric polymers on the release of water soluble drug in monolithic bilayered matrix tablet” World Journal of Pharmaceutical Sciences Vol.7, No.4 pp. 1-8, 2019ISSN (Print):2321-3310
- [9] **S. Anbarasi** et. al “PSO Tuned PID Controller for Single-Area Multi- Source LFC System Volume” International Research Journal of Engineering and Technology (IRJET),Vol.6, No.4 pp. 771-774, 2019,ISSN: 2395-0056
- [10] **S. Anbarasi**, S. Muralidharan, P. SarathChandran “Analyzing the performance of solar photovoltaic integrated UPFC” Journal of Emerging Technologies and Innovative Research, Vol.6, No.4 pp. 771-774, 2019,ISSN:2349-5162.

[11] **S. Anbarasi**, S. Muralidharan, S.Ramesh, “An Optimal Tuning of Integral Controller for Hybrid LFC System Integrated with Wind Energy Resources” International Journal of Advanced Science and Technology, Vol. 29, No. 7s, pp. 1212-1221, 2019,ISSN:2005-4238.

[12] R.Ganesan, S.Ramesh, **S.Anbarasi**, “A New Literature Review of Automatic Generation Control In Deregulated Environment” International Journal of Scientific & Technology, VOLUME 8, ISSUE 12, PP-2083-2089, Dec 2019,ISSN:2277-8616

II. Publications in Conferences

List of International Conference Publications

[1] **S. Anbarasi**, S. Muralidharan “Design of Specification Oriented Compensator with a PID Controller for Load Frequency Control” International Conference On Advancements in Automation And Control 2014 (ICAAC’2014) Syed AmmalEngg. College, Tamilnadu, India

[2] **S. Anbarasi**, S. Muralidharan “Transient Stability Improvement of LFC and AVR Using Bacteria Foraging Optimization Algorithm” 2014 IEEE International Conference On Innovations in Engineering And Technology (ICIET’14) K.L.N. College of Engineering, Tamilnadu, India

[3] **S. Anbarasi**, S. Ramesh “A study of recent advancement in Engineering education system” International Conference on Recent trends in Engineering education(ICRTEE-2K18)- on 5th &6th October18 P.S.REngg. College, Tamilnadu, India.

[4] **S. Anbarasi** et.al “BFOA tuned LFC based PID controller for two area multi source system” International Conference on Enhancement in Electrical Electronics and Computer Engineering ICEEECE’19-22nd March 2019CAPE institute of technology,Tamilnadu, India

[5] **S. Anbarasi**, S. Ramesh, S. Muralidharan “An Optimal Tuning of Integral Controller for Hybrid LFC System Integrated with Wind Energy Resources” International Conference On Recent Advances in Electrical Electronics Computer and Communication Engineering (IconRAEECCCE’19) MepcoSchlenkEngg. College, Sivakasi, Tamilnadu, India-

[6]S.Sivakumar, S. Ramesh,**S. Anbarasi** “Improvement of electrical characteristics of High Voltage Disc Insulator using Nano particles” International conference on Nano tech: ideas, innovations and initiatives,Syed Ammal Engineering College, Ramanathapuram, Tamilnadu, India

[7] **S. Anbarasi**, et.al “Smart Attendance System Using Fingerprint Sensor With SMS Notification” International conference on automation, signal processing and energy system (ICASE-2020), Kalasalingam academy of research and education, Krishnankoil, Tamilnadu, India

[8] **S. Anbarasi**, et.al “An Optimal tuning of integral controller for Multi-source LFC system integrated with Solar energy Resources” Virtual International Conference on POWER INITIATIVES (ICPI-2020), K.Ramakrishnan College of Engineering, Tamilnadu, India

List of National Conference Publications

[1] **S.Anbarasi**, Mr. K.Mahadevan, “Economic dispatch with prohibited operating zones”National Conference on Emerging technologies in electrical systems -ETES-2005, Noorul Islam college of Engineering , 10,11 March 2005

[2] **S.Anbarasi**, Mr. K.Mahadevan, “Economic dispatch with prohibited operating zones”National Conference on Intelligence computing in communication and automation – NCICCA-2005, ArulmiguKalasalingam college of Engineering, 1,2 April 2005

[3] **S.Anbarasi**, et.al, “Fuzzy Logic Approach for Optimal Tuning of PID Controller for Automatic Voltage Regulation”Advanced technologies in electrical engineering (ATIEE’12), Kamaraj College of Engineering and Technology, March 2012.

[4] S. Manojkumar, **S.Anbarasi** “Image denoising via Improved dictionary learning with Global Structure and Local Similarity preservations”National Conference on computer, Electrical and Electronics Engineering, P.S.R. Rengasamy college of Engineering for women, Sivakasi, March 1, 2019.

[5] **S.Anbarasi**, et.al, National conference on Biotechnology: Contemporary Impact in cosmos NCBCIC 20, Dept of BT, P.S.R Engineering College, 2020.