

PUBLICATIONS

1. A. Ramesh Kumar, P. Pravina and M. Ramesh Babu, "Solution to Economic Load Dispatch using Self-Adaptive Biogeography Based Optimization", International Conference on Power Engineering Computing and Control (PECCON '19), VIT University, Chennai, December 2019. (Will be published in "Lecture Notes in Electrical Engineering").
2. A. Ramesh Kumar, M. Lakshmi and A. Kiruthika, "CSA Tuned Fuzzy Based PID Controller for Automatic Generation Control for Multi-Area Power System", Journal of Advanced Research in Dynamical & Control Systems, Vol. 10, pp. 275-282, May 2018. (Scopus Indexed).
3. M. Lakshmi and A. Ramesh Kumar, "Optimal Reactive Power Dispatch using Crow Search Algorithm", International Journal of Electrical and Computer Engineering, Vol. 8, No. 3, pp. 1423-1431, June 2018. (Scopus Indexed).
4. P. Pravina and A. Ramesh Kumar, "Enhancement of ATC using Bacterial Foraging Algorithm," International Conference on Science, Technology, Engineering & Management (ICONSTEM-17), Published by International Science Community Association, ISSN: 978-93-84659-77-6.
5. A. Ramesh Kumar and L. Premalatha, "Optimal Power Flow for a Deregulated Power System Using Adaptive Real Coded Biogeography-Based Optimization," International Journal of Electrical Power and Energy Systems (Elsevier), vol. 73, pp. 393-399, December 2015. (Thomson Reuters – Web of Science, Impact factor – 4.418)
6. A. Ramesh Kumar and L. Premalatha, "Real Coded Biogeography-Based Optimization for Environmental Constrained Dynamic Optimal Power Flow," Journal of Electrical Engineering and Technology, vol. 10, no. 1, pp. 56-63, 2015. (Thomson Reuters – Web of Science, Impact factor – 0.718)
7. A. Ramesh Kumar and L. Premalatha, "Congestion Management in Open Access Electric Network Using Adaptive Real Coded Biogeography-Based Optimization," ARPN Journal of Engineering and Applied Sciences, vol. 10, no. 12, pp. 5213-5222, 2015. (Scopus Indexed, Impact factor – 0.52)
8. A. Ramesh Kumar and L. Premalatha, "Enhancement of Loadability Limit of Deregulated Power System via Adaptive Real Coded Biogeography Based Optimization," Australian Journal of Basic and Applied Sciences, vol. 9, no. 1, pp. 41-50, 2015. (Scopus Indexed)
9. A. Ramesh Kumar and L. Premalatha, "Intensification of Available Transfer Capability via Real Coded Biogeography Based Optimization," Lecture Notes in Electrical Engineering, vol. 326, pp. 1235-1243, 2015. (Scopus Indexed, Impact factor – 0.34)

