

## Dr.D.KALPANA

### LIST OF PUBLICATIONS

#### International Journal Publications:

1. Kamal, C., Thyagarajan, T. , and **Kalpana, D.** “Thermal Analysis of BLDC Motor using Multiobjective Optimization”, International Transactions on Electrical Energy Systems, 2020. DOI: 10.1002/2050-7038.12546 [Impact Factor: **1.692**] (Online)
2. Kamal, C., Thyagarajan, T. , **Kalpana, D.**, and Pragadheeshwaran T. “Multiobjective design optimization and analysis of magnetic flux distribution for slotless permanent magnet brushless DC motor using evolutionary algorithms”, Journal of Magnetism and Magnetic Materials, Vol. 476, pp. 524-537, 2019. [Impact Factor: **3.046**]
3. **Kalpana, D.**, and Thyagarajan, T. “Parameter Estimation using Relay Feedback”, Reviews in Chemical Engineering, Vol. 0, No. 0, pp. 0, 2018. [Impact Factor: 4.490], ISSN 0167-8299, published online: 14.4.2018, DOI: <https://doi.org/10.1515/revce-2017-0099>. [Impact Factor: **4.49**]
4. **Kalpana, D.**, **Thyagarajan, T.** and Thenral, R. “Improved Identification and Control of 2-by-2 MIMO system using Relay Feedback”, Control Engineering and Applied Informatics, Vol. 17, No. 4, pp. 23-32, 2015. [Impact Factor: **0.537**], ISSN 1454-8658.
5. **Kalpana, D.**, Thyagarajan, T. and Gokulraj, N. “Modeling and control of non-square MIMO system using relay feedback”, ISA Transactions, Vol.59, No.1, pp.408-417, 2015. [Impact Factor: **2.984**], SJR: 1.210, SNIP: 2.427.
6. Shri Shankari,S., Mohitha Gireeshan, Azhagan,V. & **Kalpana, D.** “Real Time Implementation of Advanced Control Scheme (Fuzzy Logic Controller) for Three Tank Interacting System”, Middle-East Journal of Scientific Research, Vol.23, (Sensing, signal Processing and Security), 232-238, 2015.