LIST OF PUBLICATIONS

Dr.I.THANGARAJU

Profesor / EEE, Government College of Engineering, Bargur.

1. **Thangaraju, I**. and Madheswaran, M. "Design and Estimation of Double Side Fuzzy Controlled Wound Rotor Induction Motor", Journal of Applied Sciences Research (JASR), ISSN 1819-544X, Vol.8, No6, pp.2881-2887, 2012.
2. **Thangaraju, I.** and Madheswaran, M. "A Novel Dual Side Control Mechanism for WRIM using Intelligent Controllers", European Journal of Scientific Research (EJSR), ISSN 1450-216X, Vol.78, No.1, pp.107-118, 2012.
3. **Thangaraju, I.** and Madheswaran,M. "Performance Analysis of Double Inverter Fed Wound Rotor Induction Motor using Fuzzy and PI controller", International Journal of Computer Applications (IJCA), Vol. 1, No. 20, pp. 80-89, 2010.
4. Muruganandam, M, **Thangaraju I** and Madheswaran, M. "Simulation and Implementation of an Embedded Hybrid Fuzzy Trained Artificial Neural Network Controller for Different DC Motor" International Journal of Engineering and Technology, ISSN: 0975-4024 , Vol. 6, Issue 1, pp. 315-332 February 2014.
5. **Thangaraju, I.** Muruganandam, M. and Madheswaran, M. "Performance Analysis and Experimental Verification of Buck Converter fed DC Series Motor using Hybrid Intelligent Controller with Stability Analysis and Parameter Variations", Journal of Electrical Engineering & Technology (JEET), ISSN(Print): 1975-0102 ISSN(Online) 2093-7423, Vol. 10, No. 2, pp. 518-528, March 2015.
6. **I. Thangaraju,** M. Muruganandam and C. Nagarajan " Implementation of Pid Trained Artificial Neural Network Controller for Different DC Motor Drive", Middle East Journal of Scientific Research (MEJSR), ISSN(Print): 1990-9233, Vol. 23, No. 4, pp. 606-618, 2015.
7. R. Sudha, **I.Thangaraju**, D. Murali and K. Govardhan, "Modified Invasive Weed Optimization of Phasor Measurement Units", International Journal of Applied Engineering Research (IJAER), ISSN 0973-4562, Vol. 10, No. 9, pp. 9120-9123, 2015.
8. **I. Thangaraju,** M. Muruganandam and C. Nagarajan "Design Simulation and Implementation of Fuzzy Tuned Artificial Neural Network Controller for Chopper Fed DC Series Motor Using a Low Cost Microcontroller", Middle East Journal of Scientific Research (MEJSR), ISSN(Print): 1990-9233, Vol. 23, No. 6, pp. 1091-1104, 2015.

9. **I Thangaraju,** M Muruganandam and M Madheswaran "Implementation fuzzy tuned artificial neural network controller for chopper fed DC series motor using a low cost microcontroller", ARPN Journal of Engineering and Applied Sciences, ISSN 1819-6608, Vol. 10, Issue 12, pp. 5083-5093, July 2015.
10. **Thangaraju,I.** and M.Madheswaran, " Performance Analysis of Doubly Fed Wound Rotor Induction Motor using Fuzzy Controller" has been presented in the International Multi Conference on Automation, Computing, Communication, Control and Management (MultiCon'12) at Muthayammal Engineering College, Rasipuram, on 20th and 21st April, 2012.
11. **Thangaraju,I.** and Madheswaran,M. "Design and Analysis of Double Side Fuzzy Controlled Wound Rotor Induction Motor", International Conference on Inter Disciplinary Research, Thailand, 1st June 2012.
12. **Thangaraju,I.** and Madheswaran,M. "Design and Analysis of DFWRIM by Modified Fuzzy Controller and PID controller", has been presented in DSCICT'11, a IEEE / EDS International Conference organized by Muthayammal Engineering College, Rasipuram. Vol.no.1, 26th Feb. 2011
13. **Thangaraju, I.** "Dynamic Braking of Wound Rotor Induction Motor", has been presented in National Conference organized by Vivekananda College of Engineering for Women, Namakkal. Vol.no.1, Feb. 2005.
14. Sudha R, Govardhan K, **Thangaraju I** "A Novel Approach for Detecting Winding Faults using SFRA Measurements" IRAJ Research Forum International Conference on Industrial Electrical and Electronics Engineering(ICIEEE), Darjeeling, India, pp. 1-6, 14th June-2014. ISBN: 978-93-82702-28-5.
15. Sudha R, Govardhan K and **Thangaraju I** "Analysis of Power Transformer Insulation Design using FEM" International Conference on Emerging Trends in Engineering and Technology held at Kodaikanal on 28th December 2014.