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PUBLICATION DETAILS

1. **Sivarani TS**, Joseph Jawhar, S & Agees Kumar, C, Prem Kumar K, 2018, “*Novel bacterial foraging-based ANFIS for speed control of matrix converter-fed industrial BLDC motors operated under low speed and high torque*”, Volume 29, Issue 12, pp 1411–1434, , ISSN : 0941- 0643(Annexure - I) IF –4.664.
2. **Sivarani, TS**, Joseph Jawhar S & Agees Kumar, C 2016, “*Intensive random carrier pulse width modulation for induction motor drives based on hopping between discrete carrier frequencies*”, IET Power Electronics, vol.9, no.3, pp.417-426, ISSN : 1755- 4535(Annexure - I) IF - 1.683.
3. **Sivarani, TS &** Joseph Jawhar, S 2016, “*Effect of DC-link Fluctuations on Harmonic Spreading Effect in VSI Fed Three Phase Induction Motor Drives*”, Research Journal of Applied Sciences, Engineering and Technology. (Accepted for Publication -Annexure-II)
4. **Sivarani, TS &** Joseph Jawhar, S 2016, “*Novel Hybrid Random PWM Scheme for VSI fed Three Phase Induction Motor*”, International Journal of Advanced Research Trends in Engineering and Technology, vol.3, no.2, pp.33-36.
5. **Sivarani, TS &** Joseph Jawhar S 2016, “*PSO Based Optimal Random PWM For Three Phase Induction Motor Drives*”, SSRG International Journal of Electrical and Electronics Engineering, vol.3, no.1, pp.15-19.
6. **Sivarani, TS**, Joseph Jawhar S & Shiny, L 2015, “*Novel Optimisation Technique Based Control on Wind Energy Conversion Systems Using Matrix Converter*”, International Journal of Applied Engineering Research (IJAER) , vol. 10, no. 2, pp.2003-2007. (Annexure-II)
7. **Sivarani, TS &** Joseph Jawhar S 2015, “*Chaotic Carrier based Random PWM Techniques for AC Drives*”, International Journal of Power Systems and Power Electronics, vol.5, no.1, pp.7-14.

8. **Sivarani, TS & Joseph Jawhar S**, 2014, "*Saw tooth carrier based Random PWM Technique for AC drives*", International Journal of Power Systems and Power Electronics, vol.1, no.1, pp.62-64.
9. **Sivarani, TS & Joseph Jawhar, S** 2011, "*Control of Electric Drive fed by Matrix Converter using Neuro - Fuzzy Techniques*", International Journal of Power Systems and Power Electronics, vol.4, no.1, pp. 120-127.