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LIST OF PUBLICATIONS

Sl.No	Year	Journal Manuscript
1.	2010	An Enhanced Flying Capacitor Multilevel Inverter fed Induction Motor Drive, ACEEE International Journal on Electrical and Power Engineering, Vol. 1, No. 2, pp 22-26, July 2010.
2.	2012	Design and Implementation of Clocked Sequential Circuit to Flying Capacitor Multilevel Inverter, International Review on Modeling and Simulation, Vol.5.No.4, pp1382-1387, Aug 2012. (Annexure II)
3.	2013	An Efficient Cascade H-Bridge Multilevel Inverter for Power Applications, IOSR Journal of Engineering, Vol. 3, Issue 2, pp 14-19, Feb. 2013.
4.	2013	A Novel Approach to Inter area Oscillation Damping By Using STATCOM – SMES System, International Journal of Science and Modern Engineering, Vol-1, Issue-6, pp 8-12, May 2013.
5.	2013	A Novel Control Strategy for High Efficient SSPFC Topology, International Journal of Engineering and Advanced Technology, Volume-2, Issue-3, pp 328-334, February 2013.
6.	2013	Inter area Oscillation Damping By Unified Power Flow Controller-Superconducting Magnetic Energy storage integrated System, International Journal of Engineering and Advanced Technology, Volume-2, Issue-3, pp 221-225, February 2013.
7.	2014	Harmonic reduction using sinusoidal pulse width modulation based flying capacitor multilevel inverter implemented to induction motor. Energy Education Science and Technology Part A: Energy Science and Research, Volume 32, issues 5, pp 3853-3862, 2014. (Annexure II)
8.	2014	Synchronous sequential circuit based cascaded multilevel inverter. Journal of Theoretical and Applied Information Technology, Vol. 66 No.1, pp 298 - 304, August 2014. (Annexure II)
9.	2014	Flying Capacitor Multilevel Inverter Implemented in UPQC by using P-q Theory for Enhancement of Power Quality in Utility System, Middle-East Journal of Scientific Research 21 (10): 1926-1936, pp 1926 -1936, 2014. (Annexure II)
10.	2015	Enhancement of SSSC Using Flying Capacitor Multilevel Inverter, International Journal of Applied Engineering Research, Volume 10, Number 9, pp 7497-7501, 2015. (Annexure II).
11.	2015	Variable Frequency Drive Using Diode Clamp Multilevel Inverter, International Journal of Applied Engineering Research , Volume 10, Number 10,pp 9913-9917, 2015. (Annexure II)
12.	2015	Hybrid Micro grid with Multi Bidirectional Converter for Reduced Multiple Conversion, International Journal of Applied Engineering Research, Volume 10, Number 32, pp 23771-23777, 2015. (Annexure II)

13.	2015	PODPWM Based Diode Clamp Multilevel Inverter for Variable Frequency Drive, International Journal of Applied Engineering Research ,Volume 10, Number 32, pp 23800-23804, 2015. (Annexure II)
14.	2015	An Intelligent Techniques for FACTS Device with Matrix Converter Using Large Bus System, International Journal of Applied Engineering Research ,Volume 10, Number 32, 23862-23868, 2015. (Annexure II)
15.	2016	Reduction of Components in New Family of Diode Clamp Multilevel Inverter Ordeal to Induction Motor, Journal of Semiconductor Technology and Science, Volume 16, Number 01, pp 58-70, 2016. (SCI) (Annexure I)
16.	2016	Integration of standalone solar power system with flying capacitor multilevel inverter contingent on synchronous sequential circuit, International Journal of u- & eService, Science & Technology, Volume 9, Number 11, pp 104-120, 2016. (Annexure I)
17.	2017	Electric vehicle by using Modified Topology of Multilevel Inverter, International Journal of Vehicle Structures & Systems. volume 9, Number 1, pp 47-52 , 2017 (Annexure II)
18.	2018	Analysis of Harmonic Distortion Impact on Grid Connected Solar Power Inverter, Journal on Science Engineering and Technology Volume 5, No. 01, pp 21-27, January 2018
19.	2018	An Modified Renewable Energy Integration System with Motor Generator Pair Using Fuzzy Logic Controller, Journal on Science Engineering and Technology Volume 5, No. 01, pp 7-13, January 2018
20.	2018	A comparative investigation on humidity sensing and photocatalytic applications of Sb doped SnO ₂ by microwave combustion route, Journal of Materials Science: Materials in Electronics, Volume 29, Issue 4, pp 3066–3073, 2018. (SCI) (Annexure I)
21.	2018	A Facile Route to the Synthesis of Zn-Doped CdO Nanostructures and a Comparative Investigation on Humidity-Sensing and Photocatalytic Applications, Journal of Electronic Materials, Vol. 47, No. 9, pp 5548-5555, 2018. (SCI) (Annexure I)
22.	2019	Design and Implementation for Quasi-Z-Source Inverter based STATCOM with constant DC-link Voltage, International Journal of Advances in Engineering and Emerging Technology, Volume 11, Issue 1, 2019.
23.	2019	Implementation of Cascaded H-Bridge control scheme for SSSC using zero sequence voltage and negative sequence current, International journal of Trend in Scientific Research and Development, Volume 4, issue 2, 2019.