

Name : **Dr.M.Gnana Sundari**
 Designation : **Professor (CAS)**
 Department : **Electrical and Electronics Engineering**
 Institution : **Government College of Engineering, Tirunelveli, 627007.**

List of Publication for Past 5 Years:

S.No	Title	Year
1	Hybrid Energy Sources Fed Reduced Switch 31-level Inverter for Grid Connected System MukeshKumar.P, Umadevi.C, GnanaSundari.M Journal of Interdisciplinary Cycle Research, xiii (iii), 127-135	2020
2	H Bridge Multilevel Inverters: State-of-the-art Topologies, Controls and Modulation Strategies Umadevi.C, GnanaSundari.M Journal of Interdisciplinary Cycle Research, xi (xii)	2019
3	A Novel Modified Switched Capacitor Nine Level Inverter Topology with Reduced Switch Count for High Frequency Power Distribution K.Revathi, M.GnanaSundari International Research Journal of Engineering and Technology, 6(6), 1573-1581	2019
4	Fundamental Frequency Modulated Cascaded H Bridge Inverter using Improved Firefly Algorithm M.GnanaSundari International journal of Innovative works in Engineering and Technology, 3,424-444	2017
5	Real Time Implementation of Selective Harmonic Elimination of Multilevel Inverter with non equal and time varying DC sources using Artificial Neural Network. M.GnanaSundari International Journal of Innovative works in Engineering and Technology, 3, 487 - 499	2016
6	Natural Balancing of the Neutral Point Potential of a ThreeLevel Inverter with Improved Firefly Algorithm	2016

	Journal of Power Electronic, 16, 1306 - 1315	
7	Application of improved firefly algorithm for programmed PWM in multilevel inverter with adjustable DC sources M.GnanaSundari, M Rajaram, Sujatha Balaraman Applied Soft Computing-Elsevier, 41 ,169 - 179	2015
8	FPGA Implementation of Selective Harmonic Elimination for Cascaded Multilevel Inverter with Adjustable DC sources using Artificial Bee colony Algorithm. M.GnanaSundari International journal of Innovative works in Engineering and Technology, 1, 119-130	2015