

**E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)**  
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S.No	TITLE	JOURNAL NAME	AUTHORS NAME	VOLUME, ISSUE & PAGE NO.	ONLINE PAPER LINK
<b>Dr.V.Mohan</b>					
1	Normally Bypassed Cascaded Sources Multilevel Inverter with RGA Optimization for Reduced Output Distortion and Formulaic Passive Filter Design	<i>Journal of Circuits, Systems, and Computers (JCSC)</i>	Chitrakala, G, Stalin, N & <b>Mohan, V</b> , 2019	vol. 29, no. 02, pp. 2050019 (1-21).	
2	A Segmented Ladder Structured Multilevel Inverter for Switch Count Remission and Dual-Mode Savvy	<i>Journal of Circuits, Systems, and Computers (JCSC)</i>	vol. 29, no. 02, pp. 2050019 (1-21). 2018	vol. 27, no. 14, 1850223 (1-14).	
3	A Low Frequency PWM Based Multilevel DC-Link Inverter with Cascaded Sources”, ,	<i>Asian Journal of Research in Social Sciences and Humanities</i>	<b>Mohan, V</b> , Chitrakala, G & Stalin, N, 2017	vol. 7, no. 1, pp. 686-697.	
4	A Novel Programmed Low Frequency PWM Method for Performance Enhancement of Single Phase to Single Phase Cycloconverter”,	<i>CiiT International Journal of Digital Image Processing</i>	Chitrakala, G, Stalin, N & <b>Mohan, V</b> , 2017	vol. 9, no. 2, pp. 39-46.	
5	Implementation of Novel Spray and Weeding Robot using Mobile for Agricultural Field	<i>International Journal of Innovative Research in Technology</i>	<b>Mohan, V</b> , Subramanian, Sivamani, S & Latha, S, 2017,	vol. 4, no. 4, pp. 27-31.	
6	Solar Powered Street Sweeping	<i>International Journal of</i>	Ganesan@Subramania	vol. 5, no. 6, pp.	

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	Mechanism for Clean India	<i>Recent Technology and Engineering</i>	n, G, <b>Mohan, V</b> , Sivamani, S &Sundaravadivel, G, 2017	11-15.	
7	Vector Selection Approach-Based Hexagonal Hysteresis Space Vector Current Controller for a Three phase Diode Clamped MLI with Capacitor Voltage Balancing	<i>IET Power Electronics</i> ,	Bharatiraja, C, SeenithangamJeevananthan, Ramachandran Latha, & <b>Mohan, V</b> , 2016	vol. 9, no. 7, pp. 1350-1361.	
8	A Tactical Chaos Based PWM Technique for Distortion Restraint and Power Spectrum Shaping in Induction Motor Drives”,	<i>International Journal of Power Electronics and Drive System.</i>	<b>Mohan, V</b> ,Stalin, N &Jeevananthan, S, 2015	vol. 5, no. 3, pp. 383-392.	
9	A Double Random Pulse Width Modulation Based on Discrete Carrier Frequencies and Random Pulse Position for Induction Motor Drives.	<i>International Journal of Applied Engineering Research</i>	<b>Mohan, V</b> ,Stalin, N &Jeevananthan, S, 2015	vol. 10, no. 51, pp. 479-484.	
10	Renewable Energy based Air Conditioning System for Public Transports in Green Environment	<i>International Society for Green, Sustainable Engineering and Management (ISGSEM).</i>	Ganesan@Subramanian, G, <b>Mohan, V</b> , Anandaraj, R &Sundaravadivel, G, 2015	vol.2, issue 23, pp. 49-57.	
11	Implementation of Novel Control Strategies for	<i>International Journal of Emerging Technology</i>	Mahendiravarman, S, Ganesan@Subramania	vol. 5, no. 2, pp. 308-315.	

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	Interleaved flyback Inverter with Photovoltaic AC Module System	<i>and Advanced Engineering</i>	n, G, <b>Mohan, V</b> &Anandaraj, R, 2015.		
12	A Modified SHPWM Method for Multilevel Inverters for Uniform Utilization of Power Electronic Switches	<i>International Journal of Applied Engineering Research.</i>	Bhuvana Shankar, N, <b>Mohan, V</b> &Anandaraj, R, 2015,	vol. 10, no. 3, pp. 8365 - 8376.	
13	A Smart Approach to Condition Monitoring, Parameter Estimation and Execution of WECS using PLC & SCADA Techniques.	<i>CiiT International Journal of Automation and Autonomous Systems.</i>	Ganesan@Subramanian, G, Subramanian, N, P, <b>Mohan, V</b> &Anandaraj, R, 2013.	vol. 5, no. 4.	
14	A Random PWM Scheme Based on Coalescing the Pseudorandom Triangular Carrier and the Randomized Pulse Position for Voltage Source Inverter.	<i>CiiT International Journal of Programmable Device Circuits and Systems.</i>	<b>Mohan, V</b> ,Raja, J &Jeevananthan, S, 2012.	vol. 4, no. 11, pp. 570-574.	
15	Frequency Domain Analysis of Adjustable Speed Drive Systems Based on Transfer Switching Function.	<i>Asian Power Electronics Journal,</i>	<b>Mohan, V</b> ,Raja, J &Jeevananthan, S, 2010,	vol. 4, no. 2, pp. 64-69.	
<b>Dr.T.SureshPadmanabhan</b>					
1	Harmonic performance analysis	<u>International Journal of</u>	<u>Sri Devi Ramanan ,</u>	Received 13	<a href="https://doi.org/">https://doi.org/</a>

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	of a wind driven micro grid inverter	<u>Ambient Energy</u> (a Taylor & Francis journal)  ISSN / eISSN: <b>0143-0750 / 2162-8246</b> <i>Web of Science Core Collection:</i> <b>Emerging Sources Citation Index</b>	<u>Ezhilarasi Arivukannu, Suresh Padmanabhan Thankappan &amp; Ramaswamy Muthiah</u>	Apr 2020, Accepted 12 Oct 2020, Accepted author version posted online: 20 Oct 2020, Published online: 27 Oct 2020. Very latest article	10.1080/01430750.2020.1839547
2	Design of Linear Quadratic Regulator Based Controller for Hybrid Solar-Wind Driven Micro-Grid Inverter	<i>JOURNAL OF GREEN ENGINEERING</i> <i>ISSN(print): 1904-4720</i> <i>ISSN(online): 2245-4586</i> <i>SCOPUS indexed</i>	Sridevi Sukumaran, Ezhilarasi Arivukkannu, <b>Suresh Padmanabhan Thankappan</b> , Ramaswamy Muthiah	Vol. 10 Issue:9 <b>5380-5400</b>	<a href="http://www.jgenng.com/volume10-issue9.php">http://www.jgenng.com/volume10-issue9.php</a>
3.	SMALL SIGNAL PERTURBATION ANALYSIS FOR PARALLEL MICRO GRID INVERTERS	<b>INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING AND TECHNOLOGY (IJARET)</b> <i>ISSN(print): 0976-6480</i> <i>ISSN(online): 0976-6499</i>	SRIDEVI SUKUMARAN, EZHILARASI ARIVUKKANNU, <b>SURESH PADMANABHAN</b> THANKAPPAN and RAMASWAMY MUTHIAH	Vol. 11 Issue:9 September 2020. <b>928 - 946</b>	DOI 10.34218/IJARET.11.9.

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		<i>SCOPUS indexed</i>			
<b>Prof. R.Anandaraj</b>					
1.	Optimised domestic load scheduling for power management in smart grid	<i>GIS SCIENCE JOURNAL</i>	R.Anandaraj, A.Albertmartin ruban,N.Rajeswari, K.Nithya.	Vol.7,Issue:9, 2020. ISSN NO:1869- 9391	
<b>Prof M.Vijayakumar</b>					
1	Component Count Reduced, Filter-Less H-Bridge Multilevel Inverter with Series and Parallel Connected Switches	<b>Journal of Circuits, Systems and Computers.</b> SCI-E JOURNAL.	<b>M Vijayakumar</b> and S. M. Ramesh	Vol.30, No.3(2021)	<a href="https://doi.org/10.1142/S0218126621500523">https://doi.org/10.1142/S0218126621500523</a>
2	Cascaded multilevel inverter with MPPT pv system for electric vehicle.	<i>High technology letters.</i> <i>SCOPUS indexed</i>	S.Natarajan, M.Vijayakumar, T.SureshPadmanabhan, V.Mohan	Vol.26,Issue 9,2020, ISSN NO:1006- 6748	
<b>Prof P.J.SureshBabu</b>					
1	Nil	Nil	Nil	Nil	Nil
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