

**K.L.N.COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**LIST OF PUBLICATIONS**

**Mr.A.Marimuthu, Associate Professor**

<b>S.No.</b>	<b>Academic Year</b>	<b>No. of Journal Published</b>	<b>No. of International Conference</b>	<b>No. of National Conference</b>
1.	2015-2016	3	2	3
2.	2014 – 2015	3	4	-
3.	2013 – 2014	1	2	-
4.	2012 – 2013	-	1	1
5.	2011 - 2012	2	2	5
6.	2010 – 2011	-	-	3
7.	2009 – 2010	-	-	-
8.	2008 – 2009	-	-	2
9.	2007 – 2008	-	-	1

**International Journal:**

<b>S.NO</b>	<b>Title of the paper</b>	<b>Name of the Journal &amp; DOI</b>	<b>Month &amp;Year of Publication</b>
<b>Academic Year (2015-2016)</b>			
1.	Optimal location and sizing of DG units to improve the voltage stability in the distribution system using Particle Swarm Optimization algorithm with time varying Acceleration Coefficients	GRD Journal for Engineering ISSN 2455-5703	July 2016
2.	Optimal location and sizing of distributed generation using Krill Herd Algorithm	GRD Journal for Engineering ISSN 2455-5703	July 2016
3.	Two stage approach for economic dispatch using quasi oppositional based particle swarm optimization	GRD Journal for Engineering ISSN 2455-5703	July 2016
<b>Academic Year (2014-2015)</b>			
1.	Voltage Stability in Wind Farms Using Particle Swarm Optimization	Advances in Natural and Applied Sciences(AU Annexure) ISSN:1995-0772	Nov 2014
2.	Maximum Loadability of Power System using Heuristic Optimization Techniques	International Journal of Applied Engineering and Research ISSN 0973-4562	Dec 2014
3.	Analysis of Voltage Stability for a Weak Power Systems Including Wind Farm using Modal Analysis	International Journal of Applied Engineering and Research ISSN 0973-4562	Dec 2014
<b>Academic Year (2012-2013)</b>			

1.	Integration of Wind Farm for Maximum Loadability Using Particle Swarm Optimization	International Journal of Innovative Research in Science, Engineering and Technology	March 2014
<b>Academic Year (2011-2012)</b>			
1.	Security Constrained Optimal Power Flow using Particle Swarm Optimization	The IUP Journal of Electrical and Electronics Engineering	2011-2012
2.	Location of series FACTS devices for Relieving congestion in a deregulated	International Journal of Communications and Engineering, ISSN NO 0988-0382E	2011-2012

**International Conference:**

S.No	Title of the Paper	Name of the Conference	Venue	Date
<b>Academic Year (2015-2016)</b>				
1.	Optimal location and sizing of DG units to improve the voltage stability in the distribution system using Particle Swarm Optimization algorithm with time varying Acceleration Coefficients	International Conference on Innovations in Engineering and Technology(ICIET)-16	K.L.N.College of Engineering	6-7Apr 2016
2.	Optimal location and sizing of distributed generation using Krill Herd Algorithm	International Conference on Innovations in Engineering and Technology(ICIET)-16	K.L.N.College of Engineering	6-7Apr 2016
3.	Two stage approach for economic dispatch using quasi oppositional based particle swarm optimization	International Conference on Innovations in Engineering and Technology(ICIET)-16	K.L.N.College of Engineering	6-7Apr 2016
<b>Academic Year (2014-2015)</b>				

1.	Computation of Maximum loadability of Power systems including Wind Farms using Particle Swarm Optimization	Second IEEE National Conference on Emerging Trends in New & Renewable Energy Sources & Energy Management	Arupadai Veedu Institute of Technology	16 <sup>th</sup> and 17 <sup>th</sup> Dec 2014
2.	Maximum Loadability of Power System using Heuristic Optimization Techniques	International Conference on Emerging Electrical Systems and Control-ICEESC 2014	Sethu Institute of Technology	4 <sup>th</sup> and 5 <sup>th</sup> Dec 2014
3.	Analysis of Voltage Stability for a Weak Power Systems Including Wind Farm using Modal Analysis	International Conference on Emerging Electrical Systems and Control-ICEESC 2014	Sethu Institute of Technology	4 <sup>th</sup> and 5 <sup>th</sup> Dec 2014
4.	Voltage Stability in Wind Farms using Particle Swarm Optimization	International Conference on Electrical, Electronics, Instrumentation and Computer Communication	Karpagam College of Engineering	12 <sup>th</sup> & 13 <sup>th</sup> Dec 2014
<b>Academic Year (2013-2014)</b>				
1.	Optimal Location of Wind Farm for Voltage Stability Enhancement Using Particle Swarm Optimization	International Conference on Power and Energy Systems(ICPES'13)	Melammal College of Engineering and Technology	19 – 21 ec 2013
2.	Integration of Wind Farm for Maximum Loadability of power System Using Particle Swarm Optimization	2014 IEEE International Conference on Innovations in Engineering and Technology	K.L.N College of Engineering	21 <sup>st</sup> & 22 <sup>nd</sup> Mar 2014
<b>Academic Year (2012-2013)</b>				
1.	Transmission Line Monitoring for	International conference on Innovation in	Karunya University	1 <sup>st</sup> and 2 <sup>nd</sup> March

	congestion Management base on generator sensitivity factor	Intelligent Instrumentation ,Optimization and Processing		2013
<b>Academic Year (2011-2012)</b>				
1.	Contingency Ranking using Voltage Stability Indices	First International Conference on Recent Trends in Computational Methods, Communication and Controls ICON3C'12"	Government College of Engineering, Tirunelveli – 7	4 <sup>th</sup> April 2012(2011-2012)
2.	Location of Series FACTS Device for Relieving Congestion in a Deregulate	International Conference on Advanced Computing Technology 'ICACTION 2012'	J.K.K.Nattraja College of Engineering & Technology, Erode	9 <sup>th</sup> & 10 <sup>th</sup> March 2012(2011-2012)

**National Conference:**

S.No	Title of the Paper	Name of the Conference	Venue	Date
<b>Academic Year (2015-2016)</b>				
1.	Optimal location and sizing of distributed generation using Gbest-guided Gravitational Search Algorithm	National conference on Power and Renewable Energy Systems-2016	Velammal College of Engineering and Technology	29-30 Jan 2016
2.	Quasi-Oppositional Based Particle Swarm Optimization for Economic Dispatch in Smart Grid	National conference on Power and Renewable Energy Systems-2016	Velammal College of Engineering and Technology	29-30 Jan 2016
<b>Academic Year (2012-2013)</b>				
1.	Modeling ,Simulation and Position Control of Permanent Magnet Brushless DC motor	National conference on Methods Enriching Power and Energy Developments	Hindustan University	14 <sup>th</sup> and 15 <sup>th</sup> march 2013
<b>Academic Year (2011-2012)</b>				
1.	Reduction of transmission line loses by Series Capacitance	National Conference "Cutting Edge Technologies in Power Conversion and Industrial Drives [PCID 2012]"	Bannari Amman Institute of Technology, Erode	8 <sup>th</sup> – 10 <sup>th</sup> February 2012(2011-2012)
2.	Generation Expansion Planning using Particle Swarm Optimization	Third National Conference on "Emerging Trends in Power Systems"	K.L.N. College of Engineering, Pottapalayam	11 <sup>th</sup> April 2012(2011-2012)
3.	Optimal Reactive Power Planning using Particle Swarm optimization	Third National Conference on "Emerging Trends in Power Systems"	K.L.N. College of Engineering, Pottapalayam	11 <sup>th</sup> April 2012(2011-2012)
4.	An Allocation of Series FACTS Devices for Congestion Management in a Deregulated Electricity Market	Third National Conference on "Emerging Trends in Power Systems"	K.L.N. College of Engineering, Pottapalayam	11 <sup>th</sup> April 2012(2011-2012)

5.	Contingency Ranking using Voltage Stability Indices	Third National Conference on "Emerging Trends in Power Systems"	K.L.N. College of Engineering, Pottapalayam	11 <sup>th</sup> April 2012(2011-2012)
<b>Academic Year (2010-2011)</b>				
1.	Economic Power Dispatch Solutions using Imperialist Competitive Algorithm"	5th National Conference on Power Conversion, Systems, Drives and Control Technology [PCTCON'11]	PSNA College of Engineering and Technology	25 <sup>th</sup> Feb. 2011(2010-2011)
2.	Economic Power Dispatch solution using Imperialistic Competitive Algorithm"	National Conference on Electrical Systems and Renewable Energy 'NESR – '11'	Anna University of Technology, Tiruchirappalli.	18 <sup>th</sup> March 2011.(2010-2011)
3.	Security Constrained Optimal Power flow using Particle Swarm Optimization"	National Conference on Electrical Machines and Power Systems	Pondicherry Engineering College, Pondicherry	11 <sup>th</sup> Feb. 2011(2010-2011)
<b>Academic Year (2008-2009)</b>				
1.	A Solution to the Economic dispatch Problem using simulated annealing	National Conference –RTAMET		3 <sup>rd</sup> April 2009(2008-2009)
2.	Simulated Annealing Technique for Solving Economic Dispatch Problem	ICET'09	Vellammal College of Engineering and Technology	27 <sup>th</sup> Feb 2009(2008-2009)
<b>Academic Year (2007-2008)</b>				
1.	Steady State Voltage Stability Evaluation	National Conference on ETPS'2007	K.L.N College of Engineering	(2007-2008)