K.L.N.COLLEGE OF ENGINEERING

(An Autonomous Institution, affiliated to Anna University)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

<u>LIST OF PUBLICATIONS</u>

<u>Mr.A.Marimuthu, Associate Professor</u>

S.No.	Academic Year	No. of Journal Published	No. of International Conference	No. of National Conference
1.	2021 - 2022	-	-	2
2.	2020 – 2021	-	-	1
3.	2019 - 2020	-	-	1
4.	2018 – 2019	1	3	-
5.	2017 - 2018	2	2	-
6.	2016 - 2017	6	1	2
7.	2015-2016	3	2	3
8.	2014 – 2015	3	4	-
9.	2013 – 2014	1	2	-
10.	2012 – 2013	-	1	1
11.	2011 - 2012	2	2	5
12.	2010 – 2011	-	-	3
13.	2009 – 2010	-	-	-
14.	2008 – 2009	-	-	2
15.	2007 – 2008	-	-	1

Academic Year - 2021-22 – Conference					
S.No	Tile of the Paper	Name of the Conference	Venue	Date	National /International
1	Effective Utilization of solar energy source using IoT	Virtual Conference on Smart computing & advancedcommunication (SCAC' 22)	PSNA College of Engineering & Technology Dindigul	13th May 2022	National
2.	Automatic Alerting System by using Microcontroller For Railway Station	Virtual Conference on Smart computing & advancedcommunication (SCAC' 22)	PSNA College of Engineering & Technology Dindigul	13th May 2022	National

Academic Year - 2020-21 - Conference					
S.No	Tile of the Paper	Name of the Conference	Venue	Date	National /International
1	IoT and Microcontroller based Industrial Monitor	National Web Conference on Challenges and Innovation in Engineering & Technology (NWCCIET21)	Ramco Institute of Technology, Rajapalayam	19-20 March 2021	National

Academic Year - 2019-20 - Conference					
S.No	Tile of the Paper	Name of the Conference	Venue	Date	National /International
1	Trio Scope Terrain and Ambiance Validation for Precision Agriculture	National Conference on Smart Computing and Advanced Commuincation (SCAC'20)	PSNA College of Engineering and Technology	06th March 2020	National

Academic Year - 2018-19 -Journal				
S.No	**Title of the paper**	**Name of the Journal & DOI**	**Month &Year of Publication**	**Impact Factor**
1	Dc Micro grid Management Strategy with Integration Of solar energy using IoT	Journal of Applied Science and Computations (JASC)	ISSN NO: 1076-5131 Vol:6, issue: 3, pp. 987-992, March 2019	Impact Factor:5.8 **UGC Approved Journal**

Academic Year - 2018-19 -Conference				
S.No	**Tile of the Paper**	**Name of the Conference**	**Venue**	**Date**	**National /International**
1	Optimal Allocation of DG for Active Power Loss Reduction using Ant Lion Optimization Algorithm Pandian Saraswathy Yadav Engineering College	International Conference on Emerging Trends in Engineering & Technology'19 (ICETET'19)	Pandian Saraswathy Yadav Engineering College	15th and 16th MARCH 2019	International
2	DC Micro grid Management Strategy with Integration of Solar Energy using IoT	International Conference on Recent Trends in Science, Engineering & Technology (ICRTSET' 19)	Ck College of Engineering & Technology Cuddalore	9th March 2019	International
3	Smart Control and Monitoring of Irrigation System using IoT	International Conference on Recent Innovation in Mechanical Engineering (ICRIME 2K19)	Francis Xavier Engineering College, Tirunelveli	8th MARCH 2019	International

Academic Year - 2017-18 -Journal				
S.No	**Title of the paper**	**Name of the Journal & DOI**	**Month &Year of Publication**	**Impact Factor**
1	Public Water Source Over Absorption Limiter	SSRG International Journal of Electrical and Electronics Engineering (SSRG-IJEEE) ISSN: 2348 – 8379	Special Issue ICRTECITA, PP: 77-80 April 2018	2.01
2	Maximization of Loadability of Distributed System by Optimal Placement and sizing of	Journal of Applied Science and Computations,	Vol. 5 Issue. 6 pp. 258-267, June 2018.	5.8

		ISSN : 0076-5131 **UGC Approved Journal**		
	DG using PPSO,			

Academic Year - 2017-18 -Conference

S.No	Tile of the Paper	Name of the Conference	Venue	Date	National /International
1	Public Water Source Over Absorption Limiter	2nd International Conference on Recent Trends in Engineering, Computers Information Technology and Applications – ICRTECITA-18	PSNA College of Engineering and Technology	23rd MARCH 2018	International
2	Maxmization of Loadability of Distributed System by Optimal Placement and sizing of DG using PPSO	International Conference on Innovations in Engineering and Industrial Applications 2018 – ICIEIA'18	K.L.N. College of Engineering Madurai	11th & 12th MAY 2018	International

Academic Year - 2016-17 -Journal

S.No	Title of the paper	Name of the Journal & DOI	Month &Year of Publication	Impact Factor
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	Global Research and Development Journal for Engineering ISSN 2455-5703	JULY 2016	1.5275
2	Optimal location and sizing of distributed generation using Krill Herd Algorithm	Global Research and Development Journal for Engineering ISSN 2455-5703	JULY 2016	1.5275
3	Two stage approach for economic dispatch using quasi oppositional based particle swarm optimization	Global Research and Development Journal for Engineering ISSN 2455-5703	JULY 2016	1.5275
4.	Optimal Location and Sizing of DG in Distribution System Using Moth Swarm Optimization (MSO)	International Journal of Science Technology and Engineering ISSN:2349-784X	Vol:3Iss:10 APRIL-2017	4.753

5	Impact of DG with SVC in a Meshed Transmission System	International Journal of Science Technology and Engineering, ISSN:2349-784X	Vol:3Iss:10 APRIL 2017	4.753
6	Energy Efficient BLDC Drive with Constant Torque Using C-Dump Technology	International Journal of Science Technology and Engineering, ISSN:2349-784X	Vol:3Iss:10 APRIL 2017	4.753

Academic Year - 2016-17 -Conference				
S.No	Tile of the Paper	Name of the Conference	Venue	Date	National /International
1	Optimal Allocation and Sizing of DG in a Radial Distribution System Using Whale Optimization Algorithm	IEEE International Conference on Innovations in Green Energy and Healthcare Technologies	Dr.N.G.P Institute of Technology, Coimbatore	16th -18th March 2017	International
2	Optimal Allocation and Sizing of DG in a Distribution System Using Moth Swarm Optimization	National Conference on Recent Trends in Networking, Computing and Communication (RTN2C 17)	PSNA College of Engineering and Technology, Dindigul	27th March 2017	National
3	Energy Efficient BLDC Drive With Constant Torque Using C-Dump Technology	National Conference on Recent Trends in Networking, Computing and Communication (RTN2C 17)	PSNA College of Engineering and Technology, Dindigul	27th March 2017	National

International Journal:

S.NO	Title of the paper	Name of the Journal & DOI	Month &Year of Publication
Academic Year (2015-2016)			
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
Academic Year (2014-2015)			
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
Academic Year (2012-2013)			
1.	Integration of Wind Farm for Maximum Loadability Using Particle Swarm Optimization	International Journal of Innovative Research in Science, Engineering and Technology	March 2014
Academic Year (2011-2012)			
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	Tile of the Paper	Name of the Conference	Venue	Date
	Academic Year (2015-2016)			
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	6-7Apri 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	6-7Apri 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	6-7Apri 2016
	Academic Year (2014-2015)			
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	16th and 17th 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	4th and 5th 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	4th and 5th 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	12th & 13th Dec 2014

		Academic Year (2013-2014)		
1.	Optimal Location of Wind Farm for Voltage Stability Enhancement Using Particle Swarm Optimization	International Conference on Power and Energy Systems(ICPES'13)	Velammal 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	L.N College of Engineering	& 22nd Mar 2014
		Academic Year (2012-2013)		
1.	Transmission Line Monitoring for congestion Management base on generator sensitivity factor	International conference on Innovation in Intelligent Instrumentation ,Optimization and Processing	Karunya University	1st and 2nd March 2013
		Academic Year (2011-2012)		
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	4th April 2012(2011-2012)
2.	Location of Series FACTS Device for Relieving Congestion in a Deregulate	International Conference on Advanced Computing Technology 'ICACT 2012'	J.K.K.Nattraja College of Engineering &Technology, Erode	9th & 10th March 2012(2011-2012)

National Conference:

S.No	Tile of the Paper	Name of the Conference	Venue	Date
		Academic Year (2015-2016)		

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
Academic Year (2012-2013)				
1.	Modeling ,Simulation and Position Control of Permanent Magnet Brushless DC motor	National conference on Methods Enriching Power and Energy Developments	Hindustan University	14th and 15th march 2013
Academic Year (2011-2012)				
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	$8^{th} – 10^{th}$ 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	11th 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	11th 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	11th 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	11th April 2012(2011-2012)
Academic Year (2010-2011)				
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	25th Feb. 2011(2010-2011)
2.	Economic Power Dispatch solution using Imperialistic Competitive Algorithm"	National Conference on Electrical Systems and Renewable Energy 'NESR	Anna University of Technology, Tiruchirappalli.	18th March 2011.(2010-

		– '11'		2011)
3.	Security Constrained Optimal Power flow using Particle Swarm Optimization"	National Conference on Electrical Machines and Power Systems	Pondicherry Engineering College, Pondicherry	11th Feb. 2011(2010-2011)
Academic Year (2008-2009)				
1.	A Solution to the Economic dispatch Problem using simulated annealing	National Conference –RTAMET		3rd April 2009(2008-2009)
2.	Simulated Annealing Technique for Solving Economic Dispatch Problem	ICET'09	Vellammal College of Engineering and Technology	27th Feb 2009(2008-2009)
Academic Year (2007-2008)				
1.	Steady State Voltage Stability Evaluation	National Conference on ETPS'2007	K.L.N College of Engineering	(2007-2008)