

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

Dr.A.S.S.Murugan, Associate Professor

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

2016-17 -Conference					
S.No	Title of the Paper	Name of the Conference	Venue	Date	National /International
1	Harmonic reduction using optimized passive filter based on Dragonfly Algorithm (DA)	International Conference on Emerging Trends in Electronics and Communication Systems (ICEECS'16)	UCE,BIT Campus, Anna University, Tiruchirappalli.	24 th -26 th September,2016	International
2	SCADA Systems For Power Distribution For Large Machines and Lighting Loads	International Conference on Recent Innovations in Engineering	Sri Subramanya College of Engineering and Technology, Palani	25 th March 2017	International
3	Smart Sensed Automatic Control of Boiler Using PID Controller	National Conference on Recent Trends in Networking, Computing and Communication (RTN2C 17)	PSNA College of Engineering and Technology, Dindigul	27 th March 2017	National
4	Common Mode Voltage Reduction Using Active Zero State Modulation in Three Phase Grid Connected Converter	International Conference on Contemporary Topics in Power Engineering and Aiding Technologies (ICCPEAT'2017)	Pondicherry Engineering College, Pondicherry	24 th - 25 th February 2017	International

International Journal:

S.NO	Title of the paper	Name of the Journal & DOI	Month &Year of Publication
Academic Year (2015-2016)			
1.	Determining true harmonics contributions of sources using neural network	Neurocomputing, DOI:10.1016 ISSN: 0925-2312	2016
2.	Lower order Harmonics Estimation using Adaptive Fuzzy Neural Network	International Journal of Applied Engineering Research ISSN 0973-4562	June 2015
Academic Year (2014-2015)			

2.	A Novel Approach to Measure Harmonics Distortion using Adaptive Morlet Wavelet Neural Network	Australian Journal of basic and applied sciences ISSN 1991-8178	Jan 2015
Academic Year (2013-2014)			
1.	Harmonic Estimation Using Discrete Wavelet Transform	International Journal of Innovative Research in Science, Engineering and Technology ISSN (Online) : 2319-8753 ISSN (Print) : 2347-6710	March 2014
Academic Year (2011-2012)			
1.	Harmonic Estimation using Particle Swarm Optimization	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
Academic Year (2014-2015)				
1.	Lower order Harmonics Estimation using Adaptive Fuzzy Neural Network	International Conference on Advances in Applied Engineering & Technology-2015	Syed Ammal Engineering College	14.05.2015 to 16.05.2015
Academic Year (2013-2014)				
1.	Lower order Harmonics Estimation using Adaptive Fuzzy Neural Network	2014 IEEE International Conference on Innovations in Engineering and Technology	K.L.N College of Engineering	21 st & 22 nd Mar 2014
Academic Year (2011-2012)				
1.	Harmonic Estimation using Particle Swarm Optimization	International Conference on Advanced Computing Technology „ICACT2012“	J.K.K.Nattraja College of Engineering & Technology, Erode	9 th & 10 th March 2012(2011-2012)

National Conference:

S.No	Title of the Paper	Name of the Conference	Venue	Date
Academic Year (2015-2016)				
1.	Harmonic Estimation using radial basis function neural network	National conference on Power and Renewable Energy Systems-2016	Velammal College of Engineering and Technology	29-30 Jan 2016
Academic Year (2012-2013)				
1.	Classification of Power Quality Disturbances based on principal Component Analysis and Support vector machine	National conference on Emerging vistas of Electrical Electronics and Communication Technologies	Kingston Engineering College	15 th & 16 th 2013
2.	Harmonic Contribution Estimation in Residential load	National conference on Advanced Technology in Electrical Engineering	Kamaraj College of Engineering and Technology	15 th and 16 th March 2013
Academic Year (2011-2012)				
1.	Fast Power System Harmonic Estimation using Neural Network	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.	Application of Particle Swarm Optimization to passive filter design	"IEEE sponsored national conference on Power, Energy and intelligent systems [INEPS12]"	NPR Engineering College, Natham	31 st March 2012. (2011-2012)
3.	Harmonic Mitigation using Particle Swarm Optimization	Third National Conference on "Emerging Trends in Power Systems"	K.L.N. College of Engineering, Pottapalayam	11 th April 2012 (2011-2012)
4.	Harmonic source Identification using cascade forward back propagation Neural Network	Third National Conference on "Emerging Trends in Power Systems"	K.L.N. College of Engineering, Pottapalayam	11 th April 2012 (2011-2012)
5.	Recurrent Neural Network Trained for True Harmonic Estimation	Third National Conference on "Emerging Trends in Power Systems"	K.L.N. College of Engineering, Pottapalayam	11 th April 2012 (2011-2012)
Academic Year (2010-2011)				

1.	"Optimal Design of passive Harmonic filter using PSO for Power Factor Improvement"	National Conference on Electrical Systems and Renewable Energy „NESR – „11“	Anna University of Technology, Tiruchirappalli.	18 th March 2011.(2010-2011)
2.	"Harmonic Identification Distribution System using FFT"	National Conference on Advancements in Communication and Power Electronics	N.P.R. College of Engineering and Technology, Dindigul.	19 th March 2011. (2010-2011)
Academic Year (2009-2010)				
1.	"Multiline Real and Reactive Power flow balance and Voltage Sag Compensation using custom power device"	National Conference on Power Quality & Power Conversion system (PQPCS'10)	Anand Institute of Higher Technology, Kalasalingam Nagar, Chennai.	27 th April 2010.(2009-2010)
2.	"Current quality evaluation for sinusoidal nonsinusoidal cases using adaptive neuro-fuzzy inference system for power quality"	National Conference – NCEET '10	MAM College of Engineering,	27 th March 2010.(2009-2010)
Academic Year(2007-2008)				
1.	Identification of weak Locations using Voltage Stability sensitivity Analysis	National Conference on Emerging Trends in Power Electronics and Power Systems	Sethu Institute of Technology	18 th April 2008 (2007-2008)
2.	Optimal Location of UPFC for Congestion Management in a Deregulated Environment	National Conference on Emerging Trends in Power Electronics and Power Systems	Sethu Institute of Technology	18 th April 2008 (2007-2008)