K.L.N.COLLEGE OF ENGINEERING
(An Autonomous Institution, Affiliated to Anna University, Chennai)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

LIST OF PUBLICATIONS

Dr.K.Gnanambal, Professor

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

Academic Year - 2021-22 -Journal				
S.No	Title of the paper	Name of the Journal & DOI	Month &Year of Publication	Impact Factor
1	Low power high performance CMOS amplifier for epileptic seizure prediction	An International journal on Analog Integrated Circuits and Signal Processing, Springer https://doi.org/10.100 7/s10470-021-01918- 8	ISSN.NO: 0925- 1030 Vol: 109, Pp 387-402 Aug 2021	Scopus index AU-Annexure-I 1. Science Citation Index 2. Science Citation Index Expanded (SCIE)
2	The Incremental Loading Factor based Maximum Loadability Limit Prediction using Modern Optimization Tools	Journal of Engineering Research (JER) DOI.No: 10.36909/jer.VxIx. 11507	ISSN (PRINT): 2307-1877, (ONLINE): 2307-1885 **Published On Nov 2021**	AU- Annexure - II Scopus index

Academic Year - 2021-22 – Conference					
S.No	Tile of the Paper	Name of the Conference	Venue	Date	National /International
1	Underground Cable Fault Detection using Arduino	International Conference on smart Technologies and Applications-2022 (ICSTA)	Ramco Institute of Technology, Rajapalayam	11th & 12th March 2022 (Online mode)	International

Academic Year - 2020-21 -Journal				
S.No	Title of the paper	Name of the Journal & DOI	Month &Year of Publication	Impact Factor
1	The Incremental Loading Factor based Maximum Loadability Limit Prediction using Modern Optimization Tools	Journal of Engineering Research (JER)	ISSN (PRINT): 2307-1877, (ONLINE): 2307-1885 DOI.No: 10.36909/jer.VxIx. 11507 (**ACCEPTED as on 27.06.2021**)	Scopus index

Academic Year - 2020-21 – Conference					
S.No	**Tile of the Paper**	**Name of the Conference**	**Venue**	**Date**	**National /International**
1	Application of Optimization Techniques in Electric Vehicle	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 -Journal				
S.No	**Title of the paper**	**Name of the Journal & DOI**	**Month &Year of Publication**	**Impact Factor**
1	Transient Analysis of an Interconnected Power system incorporating SMES along with electric Vehicle utilizing optimized controller tuning.	Journal of Electrical Engineering	ISSN: 1582- 4594 Volume 19, Edition 3, August 2019	AU-Annexure-I
2	ANN-ABC Algorithm based Online Monitoring of Maximum Allowable Load of Power System	Journal of Electrical Engineering	ISSN: 1582- 4594 Volume 19,Edition 4,August 2019	AU-Annexure-I
3	Optimized FOPID Controller for improving steady state and transient response of micro turbine Generation system	Energy ; The International Journal	ISSN: 0360- 5442 Volume 189, Edition15, pp.116-227 December 2019	IF:6.082 Index: Scopus Web of science

Academic Year - 2019-20 – Conference					
S.No	**Tile of the Paper**	**Name of the Conference**	**Venue**	**Date**	**National /International**
1	Improving Transient Response of Interconnected Power system with Electric Vehicle(EV) using GWO Tuned FOPID Controller	International Conference on ELECTRICAL SCIENCE ICES-2020	SNS College of Technology, Coimbatore in association With AIMST University, Malaysia.	20&21st February 2020	International

2.	Hand Gesture Recognition Application for Physically disabled people	National Conference on Smart Computing and Advanced Communication (SCAC'20)	PSNA College of Engineering & Technology Dindigul	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	Semi-Supervised Multi-Instance Neurologic Adaptive Learning Intrusion Detection System	An International Journal of Applied Mathematics & Information Sciences	Vol. 13, No. 2, pp. 291-298 (2019) DOI: http://dx.doi.org/10.18 576/amis/130218	SCOPUS AU-Annexure-I

Academic Year - 2018-19 – Conference					
S.No	**Tile of the Paper**	**Name of the Conference**	**Venue**	**Date**	**National /International**
1	Online Monitoring of Power and Energy	National Conference on Smart Computing and Advanced Communication (SCAC'19)	PSNA College of Engineering & Technology Dindigul	15th MARCH 2019	National
2.	Load Frequency Control of Grid Inter Connected Electric Vehicle	National Conference on Smart Computing and Advanced Communication (SCAC'19)	PSNA College of Engineering & Technology Dindigul	15th MARCH 2019	National
3	Optimal Allocation of DG for Active Power Loss Reduction using Ant Lion Optimization Algorithm	International Conference on Emerging Trends in Engineering & Technology'19 (ICETET'19)	Pandian Saraswathy Yadav Engineering College	15th and 16th MARCH 2019	International

	Academic Year - 2017-18 -Journal			
S.No	Title of the paper	Name of the Journal & ISSN.No	Month &Year of Publication	Impact Factor
1.	Maximization of Loadability of Distributed System by Optimal Placement and sizing of DG using PPSO,	Journal of Applied Science and Computations, ISSN : 0076-5131 **UGC Approved Journal**	Vol. 5 Issue. 6 pp. 258-267, June 2018.	5.8
2	Energy Efficient Operation of Heaters in PVC Pipe Manufacturing,	Journal of Applied Science and Computations, ISSN : 0076-5131 **UGC Approved Journal**	Vol:5, Issue:6, pp:268-271, June 2018.	5.8
3	Analysis and Comparison of PSO and DE based Optimized DVR for Mitigation of Short Duration Voltage Disturbance,	Journal of Electrical Engineering, ISSN 1582-4594 **AU-Annexure-I**	Vol.18, Edition:2, pp.1-7, 2018.	0.11(SJR)
4	GSM Module based Smart Meter and Smart Home,	Journal of Applied Science and Computations, , ISSN : 0076-5131 **UGC Approved Journal**	Vol:5, Issue:6 pp:253-257,June 2018.	5.8
5	Optimal Allocation of Phasor Measurement Units with Contingencies using Flower Pollination Algorithm,	Journal of Applied Science and Computations, ISSN: 0076-5131 **UGC Approved Journal**	Vol: 5, Issue: 6, pp: 177-183, June 2018.	5.8

	Academic Year - 2017-18 –Conference				
S.No	Tile of the Paper	Name of the Conference	Venue	Date	National /International
1	Intelligent Sewage Cleaning Robot	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	Net Energymeter	International Conference on Innovations in Engineering and Industrial Applications2018 – ICIEIA'18	K.L.N. College of Engineering Madurai	11th & 12th MAY 2018	National
3	Advanced Metoring Infrastructure for Power Quality Monitoring of V2G Application with Integrated	International Conference on Innovations in Engineering and Industrial Applications2018 –	K.L.N. College of Engineering Madurai	11th & 12th MAY 2018	National

	Renewable Energy	ICIEIA'18			
4	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
5	Energy Efficient Operation of Heaters in PVC Pipe Manufacturing	International Conference on Innovations in Engineering and Industrial Applications2018 – 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.	Evolutionary Algorithms based Optimum Scheduling of Processing units in Rice Industry to Reduce Peak Demand,	Energy, (Elsevier), Print ISSN: 0360-5442, E- ISSN: 1873-6785, **AU-Annexure-I**	Vol. 107, Issue. 15, pp. 419-430, July 2016.	4.968
2.	Anomaly Detection using Support Vector Clustering,	International Journal of Printing, Packaging & Allied Sciences, ISSN:2320-4387	Vol: 4, Iss: 2, pp. 717-724, Dec 2016.	---
3.	Design and Implementation of PID Controller to Enhance Power System Stability using DE and PSO Algorithms,	International Journal of Printing, Packaging & Allied Sciences, ISSN:2320-4387	Vol:4 Issue:2, pp. 1291-1307, Dec 2016.	---
4.	Optimal Location and Sizing of DG in Distribution System Using Moth Swarm Optimization (MSO),	International Journal of Science Technology and Engineering (IJSTE), ISSN: 2349-5784X	, Vol. 3, Issue. 10, pp. 103-107, April 2017	4.753
5.	Power Quality Enhancement in distribution system using fuel cell based DVR,	International Journal for Science and Advanced Research in Technology, ISSN: 2395-1052	Vol:3 Iss:6, pp. 724- 728, JUNE 2017.	5.388
6	DWT And Artificial Neural Network for Detection and Classification of Short Duration Voltage Disturbances in Distribution System,	International Journal of Research in Engineering and Applied Sciences (IJREAS), ISSN (O):2249-3905, ISSN (P):2349-6525,	Vol: 7, Issue: 6, pp. 83-89, June 2017.	---
7	Design and Implementation of Online Power Monitoring System for Smart Grid Using Labview,	International Journal of Research in Engineering and Applied Sciences (IJREAS), ISSN (O):2249-3905, ISSN (P):2349-6525	Vol: 7 Iss : 6, 177-180, June 2017.	---

8	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,	pp. 366-374, July 2016.	1.5275
9	Optimal Location and Sizing of Distributed Generation using Krill Herd Algorithm,	Global Research and Development Journal for Engineering, ISSN 2455-5703,	pp. 333-339, July 2016.	1.5275
10	Two Stage Approach for Economic Dispatch using Quasi Oppositional based Particle Swarm Optimization,	Global Research and Development Journal for Engineering, ISSN 2455-5703,	pp. 226-230, July 2016.	1.5275
11	DE and PSO Optimized PID Controller for Automatic Generation Control of Multi-Source Power System,	Global Research and Development Journal for Engineering, ISSN 2455-5703,	pp. 1-6, July 2016.	1.5275
12	Optimal Power Flow using Hybrid Teaching Learning based Optimization Algorithm,	Global Research and Development Journal for Engineering, ISSN 2455-5703,	pp. 236-242, July 2016.	1.5275

Academic Year 2016-17 -Conference					
S.No	Tile of the Paper	Name of the Conference	Venue	Date	National /International
1	Load Frequency Control of two area system using shuffled Frog-Leaping Algorithm	2016 International Conference on Engineering and Technology (ICET)	Karpagam College of Engineering, Coimbatore	16th -17th December 2016	International
2	Energy Efficient Processing System	National Conference on Innovations in Engineering and Technology	Karpagam College of Engineering, Coimbatore	25th February 2017	National
3	Load frequency control of four area system using Evolutionary Algorithms	International Conference on Power and Energy Systems-ICPES'17	Velammal College of engineering and Technology, Madurai	21st & 22nd April 2017	International
4	Intelligent Demand Side Management in Smart Grid Based on Embedded System	International Conference on Power and Energy Systems-ICPES'17	Velammal College of engineering and Technology, Madurai	21st & 22nd April 2017	International
5	Embedded System based Intelligent Demand Side Management in Smart Grid	IEEE International Conference on Innovations in power and advanced computing technologies	VIT University	21st & 22nd Apirl 2017	International

6	Mitigation of Power Quality Events Using Deadbeat Predictive Controller Based Distribution Static Compensator	IEEE International Conference on Innovations in Green Energy and Healthcare Technologies	Dr.N.G.P Institute of Technology, Coimbatore	16th -18th March 2017	International
7	Optimal Allocation and Sizing of DG in a Radial Distribution System Using Whale Optimization Algorithm	International Conference on Innovations in Green Energy and Healthcare Technologies	Dr.N.G.P Institute of Technology, Coimbatore	16th -18th March 2017	International
8	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
9	Maximum Load ability Limit Evaluation Using Flower Pollination Algorithm	National Conference in Advanced Signal Processing , Communication & Networking(ASPCN'17)	PSNA College of Engineering and Technology, Dindigul	24th 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.	Capacity and Location Effects of Photo Voltaic Power Generators on Power systems stability	Advances in Natural and Applied Sciences	March 2016
2.	DE and PSO Optimized PID controller for automatic generation control of Multi-Source power system	GRD Journal for Engineering	July 2016
3.	Optimal location and sizing of distributed generation using Krill Herd Algorithm	GRD Journal for Engineering	July 2016
4.	Two stage approach for economic dispatch using quasi oppositional based particle swarm optimization	GRD Journal for Engineering	July 2016
5.	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	July 2016
6.	Evolutionary algorithms based optimum scheduling of processing units in rice industry to reduce peak demand	Energy	April 2016
7.	Optimal Power Flow using hybrid teaching learning based optimization algorithm	GRD Journal for Engineering	July 2016

		Academic Year (2014-2015)	
1.	Optimal Allocation of Phasor Measurement unit in the power system network using Binary Particle Swarm Optimization	International Journal of Applied Engineering Research ISSN 0973-4562	June 2015
2.	Optimal Design of PID controller in load frequency control system	International Journal of Applied Engineering Research ISSN 0973-4562	June 2015
3.	Modelling of Solar Photo Voltaic Power Generator and the issues of Integration with Radial Distribution network	Advances Annexure) in Natural and Applied Sciences(AU) ISSN:1995-0772	Nov 2014
4.	Optimization of operating schedule of machines in granite industry using evolutionary algorithm	Energy Conversion and Management (AU Annexure) (ELSEVIER) DOI:10.1016	Oct 2014
5.	FFBPNN Approach for deduction and classification of short duration power quality event	International Journal of Applied Engineering and Research ISSN 0973-4562	Dec 2014
		Academic Year (2013-2014)	
1.	Optimal selection of harmonic filter branch parameters using PSO and differential evolution algorithm	International transactions on electrical energy systems DOI: 10.1002/etep.1784	AUG 2013
2.	Optimal Sizing of Distributed Generation for Voltage Profile Improvement Considering Maximum Loadability Limit	International Journal of Innovative Research in Science, Engineering and Technology	March 2014
3.	Voltage Stability Margin Assessment using Neural Network	International Journal of Innovative Research in Science, Engineering and Technology	March 2014
4.	Voltage Sag, Swell And Interruptions Compensation Based On Feed Forward Back propagation Network Using Dynamic Voltage Resistor	International Journal of Innovative Research in Science, Engineering and Technology	March 2014

5.	Improvement of Voltage Stability margin using SVC	International Journal of Innovative Research in Science, Engineering and Technology	March 2014
Academic Year (2012-2013)			
1.	Maximum lodability limit of power system using hybrid differential evolution with particle swarm Optimization	Electrical Power and Energy Systems, DOI:10.1016/j.ijepes.2012.04.033	2012-2013
Academic Year (2011-2012)			
1.	Maximum lodability limit of power system using hybrid differential evolution with particle swarm Optimization	Electrical Power and Energy Systems DOI:10.1016/j.ijepes.2012.04.033	2011-2012
2.	Modeling and Simulation of Micro turbine for Smart grid System	International Journal of Communications and Engineering, ISSN NO 0988-0382E	March 2012.
3.	Optimal Power Flow using Shuffled Frog Leaping Algorithm	International Journal of Communications and Engineering, ISSN NO 0988-0382E	March 2012 (2011-2012)
Academic Year (2009-2010)			
1.	Three-Phase flow analysis in sequence component frame using Hybrid Particle Swarm Optimization	Applied Soft Computing	2010
2.	A Hybrid Differential Evolution Algorithm to Solve Power Flow Problem in Rectangular coordinate	Journal of Electrical System	2010

International Conference:

S.No	Tile of the Paper	Name of the Conference	Venue	Date
		Academic Year (2015-2016)		
1.	Maximum Power Generation in AC Photovoltaic Modules	International Conference on Green Engineering and Technology	Karpagam College of Engineering, Coimbatore.	Dec 2015
		Academic Year (2014-2015)		
1.	Optimum Design of Fractional Order PID controller in Automatic Voltage Regulator system using DE	International Conference on Electrical, Instrumentation & Communication Engineering Recent Trends and Research Issues-2015	Sri Krishna Institution	2nd and 3rd Jan 2015
2.	Improving Loadability limit using FACTS devices by Hybrid ABC Algorithm	International Conference on Emerging Trends in Engineering and Technology	Pandian Saraswathi Yadav Engineering College	13th & 14th March 2015
3.	Optimal Placement of Phasor Measurement Unit	International Conference on Electrical, Instrumentation & Communication Engineering Recent Trends and Research Issues-2015	Sri Krishna Institution	2nd and 3rd Jan 2015
4.	Optimal Design of PID controller in load frequency control system	International Conference on Advances in Applied Engineering & Technology-2015	Syed Ammal Engineering College	14.05.2015 to 16.05.2015
5.	FFBPNN Approach for deduction and classification of short duration power quality event	International Conference on Emerging Electrical Systems and Control-ICEESC 2014	Sethu Institute of Technology	4th and 5th Dec 2014
6.	Optimal Allocation of Phasor Measurement unit in the power system network using Binary Particle Swarm Optimization	International Conference on Advances in Applied Engineering & Technology-2015	Syed Ammal Engineering College	14.05.2015 to 16.05.2015
7.	Optimal Design of PID controller in load frequency control system	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.	Optimal Sizing of Distributed Generator Considering Maximum loadability Limit Using Differential Evolution	International Conference on Power and Energy Systems (ICPES"13)	Velammal College of Engineering and Technology	19 – 21 Dec 2013
2.	Optimal Sizing of Distributed Generation for Voltage Profile Improvement Considering Maximum Loadability Limit	2014 IEEE International Conference on Innovations in Engineering and Technology	K.L.N College of Engineering	21st & 22nd Mar 2014
3.	Voltage Stability Margin Assessment using Neural Network	2014 IEEE International Conference on Innovations in Engineering and Technology	K.L.N College of Engineering	21st & 22nd Mar 2014
4.	Modeling of Micro Turbine Generation (MTG) System Based on Fractional Order Controller	International Conference on Power and Energy Systems(ICPES"13)	Velammal College of Engineering and Technology	19 – 21 Dec 2013
5.	Three Phase DVR implementation for Voltage Sag Compensation based on Neural Network and PI Controller	International Conference on Power and Energy Systems(ICPES"13)	Velammal College of Engineering and Technology	19 – 21 Dec 2013
6.	Voltage Sag, Swell and Interruptions Compensation Based on Feed Forward Backpropagation Network using Dynamic Voltage Restorer	2014 IEEE International Conference on Innovations in Engineering and Technology	K.L.N College of Engineering	21st & 22nd Mar 2014
7.	Improvement of voltage stability using FACTS devices	International Conference on Power and Energy Systems	Velammal College of Engineering and Technology	19 – 21 Dec 2013
8.	Improvement of Voltage Stability Margin using SVC	2014 IEEE International Conference on Innovations in Engineering and Technology	K.L.N College of Engineering	21st & 22nd Mar 2014

Academic Year (2012-2013)

1.	Voltage Stability Assessment using Support Vector Machine	International Conference on Computation of Power, Energy, Information and Communication	Adhiparasakthi Engineering College	17th &18th April 2013
2.	Low-cost Photometric sensing for Maximum PV Power generation	IEEE International conference on Power, Energy & Control	PSNA College of Engineering and Technology	6-8 Feb 2013

Academic Year (2011-2012)

1.	Modeling and Simulation of Microturbine based Smart grid System	International Conference on Advanced Computing Technology „ICACT 2012"	J.K.K.Nattraja College of Engineering & Technology, Erode	9th & 10th March 2012(2011-2012)
2.	Optimal Power Flow using Shuffled Frog Leaping Algorithm	International Conference on Advanced Computing Technology „ICACT 2012"	J.K.K.Nattraja College of Engineering & Technology, Erode	9th & 10th March 2012(2011-2012)
3.	Power System Voltage Stability Assessment using Artificial Neural Network	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)

Academic Year (2010-2011)

1.	Power System Voltage Stability Analysis Using Modified Differential Evolution	International Conference on Computer, Communication and Electrical Technology [ICCCET 2011]	National College of Engineering, Maruthakulam, Tirunelveli.	18th & 19th March 2011(2010-2011)

Academic Year (2007-2008)

2.	Load flow analysis using Particle Swarm Optimization trained neural network	"International Conference on Modeling and Simulation"	Coimbatore Institute of technology, Coimbatore	27th-29th August „07(2007-2008)

National Conference:

S.No	Tile of the Paper	Name of the Conference	Venue	Date
		Academic Year (2015-2016)		
1.	Transient Stability Analysis of Hydraulic Turbine using Optimal Tuned PID Controller	National conference on Power and Renewable Energy Systems-2016	Velammal College of Engineering and Technology	29-30 Jan 2016
2.	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
3.	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 (2014-2015)		
1.	Optimal Location, Cost Minimization and Voltage Stability Improvement using FACTS Devices	National Conference on Recent Trends in Information Technology	Adhiparsakthi Engineering College	28th March 2015
2.	Optimal Allocation of STATCOM for improving Voltage Stability Margin using DE Algorithm	National Conference on Recent Trends in Information Technology	Adhiparsakthi Engineering College	28th March 2015
3.	Compensation of PQ Disturbances using custom Power Devices based on fuzzy logic control technique	1st National conference Recent Trends in Mechanical Engineering with Green energy and Robotics	NEHRU Institute of Engineering and Technology	22nd May 2015
		Academic Year (2012-2013)		
1.	Voltage Stability analysis in Power system using support vector machine containing wind turbine	National conference on "Control of Electrical Power Apparatus"	Government College of Engineering,Tirunalveli	5th April 2013

2.	Artificial Neural Network based voltage stability using back propagation algorithm	National conference on Embedded systems (NCE''13)	Regional Centre of Anna University ,Tirunelveli	12th April 2013
Academic Year (2011-2012)				
1.	Determination of Maximum Loading Point using Artificial Neural Network	Third National Conference on "Emerging Trends in Power Systems"	K.L.N. College of Engineering, Pottapalayam	11th April 2012(2011-2012)
2.	Minimization of Fuel cost with considering Maximum Lodability Limit	Third National Conference on "Emerging Trends in Power Systems"	K.L.N. College of Engineering, Pottapalayam	11th April 2012(2011-2012)
3.	Simulation of Micro Turbine for Smart Grid System	Third National Conference on "Emerging Trends in Power Systems"	K.L.N. College of Engineering, Pottapalayam	11th April 2012(2011-2012)
4.	Voltage Stability Improvement using FACTS Devices	Third National Conference on "Emerging Trends in Power Systems"	K.L.N. College of Engineering, Pottapalayam	11th April 2012(2011-2012)
5.	Minimization of Loss and Generation Fuel Cost using Shuffled Frog Leaping Algorithm	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.	Power System Voltage Stability Analysis using Differential Evolution	National Conference on Innovations in Emerging Technology [NCOIET''11]	Kongu Engineering College, Erode.	17th &18th Feb 2011(2010-2011)
2.	Optimal Power Flow using Hybrid Differential Evolution Algorithm	National Conference on Electrical Systems and Renewable Energy ,,NESR – ,,11''	Anna University of Technology, Tiruchirappalli.	18th March 2011(2010-2011)
3.	Optimal Power Flow using Differential Evolution Algorithm	National Conference on Electrical Machines and Power Systems" [EMPS 2011]	Pondicherry Engineering College, Pondicherry.	11th Feb. 2011(2010-2011)
Academic Year (2009-2010)				
1.	Maximum Loadability limit using Hybrid Differential Evolution	National Conference on Power Quality	M.A.M. College of Engineering, Trichy – 621 105.	27th March 2010(2009-2010)