

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

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

LIST OF PUBLICATIONS

Dr. S. Manoharan, Assistant Professor (Sr. Gr)

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
3.	2019 - 2020	2	-	1
4.	2018 – 2019	-	-	1
5.	2017 - 2018	1	2	---
6.	2016 - 2017	1	3	---
7.	2015 - 2016	-	-	2
8.	2014 - 2015	-	1	-
9.	2013 – 2014	-	1	-
10.	2012 – 2013	-	-	2
11.	2011 - 2012	2	1	2
12.	2010 – 2011	-	-	1

Academic Year - 2021-22 -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) 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	Title of the Paper	Name of the Conference	Venue	Date	National /International
1	Automatic Monitoring of Biogas Power Generation System	Virtual Conference on Smart computing & advanced Communication (SCAC' 22)	PSNA College of Engineering & Technology Dindigul	13th May 2022	National

Academic Year - 2020-21 -Conference					
S.No	Title of the Paper	Name of the Conference	Venue	Date	National /International
1	Ambulance Tracking and Alert System using IoT	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	ANN-ABC Algorithm based Online Monitoring of Maximum Allowable Load of Power System	Journal of Electrical Engineering	Volume 19, Edition 4, August 2019 ISSN: 1582- 4594	0.647
	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	Title of the Paper	Name of the Conference	Venue	Date	National /International
1	Home Automation using IOT for Energy Conservation	National Conference on Power Electronics and Drives (NCPED'20)	Alagappa Chettiar Government College of Engineering and Technology	05th March 2020	National

Academic Year - 2018-19 -Conference					
S.No	Title of the Paper	Name of the Conference	Venue	Date	National /International
1	Design and Analysis of PV based Interleaved Boost Converter	National Conference on Emerging Scenario in Power Engineering and Electrical Drives (eSpeed2K19)	K.S.Rangasamy College of Technology Tiruchengode	15 th & 16 th March 2019	National

Academic Year - 2017-18 -Journal

S.No	Title of the paper	Name of the Journal & DOI	Month & Year of Publication	Impact Factor
1.	Design of Multilevel Inverter for High Voltage Loads with Coupled Inductors	SSRG International Journal of Electrical and Electronics Engineering (SSRG-IJEEE), ISSN: 2348 – 8379	Special Issue ICRTECITA, pp: 138-142, April 2018.	2.01

Academic Year - 2017-18 -Conference

S.No	Title of the Paper	Name of the Conference	Venue	Date	National /International
1	Design of Multilevel Inverter For High Voltage Loads With Coupled Inductors	2 nd International Conference on Recent Trends in Engineering, Computers Information Technology and Applications – ICRTECITA-18	PSNA College of Engineering and Technology	23 rd MARCH 2018	International
2	Design of Multilevel Inverters by Symmetrical Topology For High Voltage Loads	International Conference on Innovations in Engineering and Industrial Applications 2018 – ICIEIA '18	K.L.N. College of Engineering Madurai	11 th & 12 th 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.	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, pp.177-180, June 2017.	---

Academic Year - 2016-17 -Conference

S.No	Title of the Paper	Name of the Conference	Venue	Date	National /International
1	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	21 st & 22 nd April 2017	International
2	Embedded System based Intelligent Demand Side Management in Smart Grid	IEEE International Conference on Innovations in power and advanced computing technologies	VIT University	21 st & 22 nd April 2017	International
3	Design and Fabrication of Smart Protection System Using Lab view	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 (2011-2012)			
1.	Security Constrained Optimal Power Flow using Particle Swarm Optimization	The IUP Journal of Electrical and Electronics Engineering	2011-2012
2.	Modeling and Simulation of Micro turbine for Smart grid System	International Journal of Communications and Engineering, ISS No.0988-0382E	2011-2012

International Conference:

S.No	Title of the Paper	Name of the Conference	Venue	Date
Academic Year (2014-2015)				
1.	Reduction of Fault Current in Smart Grid using Superconducting Fault Current Limiter	International Conference on Recent Advances and Innovations in Engineering and Technology (ICRAIET '15)	Ranganathan Engineering College	20 th & 21 st March 2015
Academic Year (2013-2014)				
1.	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
Academic Year (2011-2012)				
1.	“Modeling and Simulation of Micro turbine for Smart grid System”	International Conference on Advanced Computing Technology „ICACT 2012“	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.	Enhancement of Transient Stability in Smart Grid by the combination of SFCL and SMES	National Conference on Emerging Electrical Systems and Control (NCEESC '16)	Sethu Institute of Technology, Kariapatti	15 th April 2016

2.	Co-ordinated control of optimized SFCL and SMES for Improvement of smart grid transient stability	National conference on Power and Renewable Energy Systems-2016	Velammal College of Engineering and Technology	29-30 Jan 2016
Academic Year (2012-2013)				
1.	Fuzzy Logic Based Congestion Management	National conference on “Control of Electrical Power Apparatus”	Government College of Engineering, Tirunalveli	5 th April 2013
2.	Control of Flexible Microgrid by Distribution Energy Storage System	National Conference on Electrical systems and Renewable Energy	Bharathidasan Institute of Technology, Trichy	3 rd May 2013
Academic Year (2011-2012)				
1.	“Economic Load Dispatch using Particle Swarm Optimization”	National Conference “Cutting Edge Technologies in Power Conversion and Industrial Drives [PCID 2012]”	Bannari Amman Institute of Technology	8th – 10th February 2012(2011-2012)
2.	Simulation of Micro turbine for Smart Grid System	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.	“Security Constrained Optimal Power flow using Particle Swarm Optimization”	National Conference on Electrical Machines and Power Systems	Pondicherry Engineering College, Pondicherry	11 th Feb. 2011(2010-2011)