

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

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

LIST OF PUBLICATIONS

Dr. P. Loganthurai, Associate Professor

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

Academic Year - 2021-22 -Conference

S.No	Title 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 & 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	Efficient Improvement of Solar PV System using Effective Cooling Method	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	Title of the Paper	Name of the Conference	Venue	Date	National /International
1	Electric bicycle using BLDC motor with PWM control	National Conference on Smart Computing and Advanced Communication (SCAC'20)	PSNA College of Engineering and Technology	06th March 2020	National

Academic Year - 2018-19 -Conference					
S.No	Title of the Paper	Name of the Conference	Venue	Date	National /International
1	IoT based Human Health Parameters Tracking System	National Conference on Smart Computing and Advanced Communication (SCAC'19)	PSNA College of Engineering and Technology	15 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.	Intelligent Defrost System Based on Energy Management	SSRG International Journal of Electrical and Electronics Engineering (SSRG-IJEEE) ISSN: 2348 – 8379	Special Issue ICRTECITA, PP: 137-142 April 2018	2.01
2	Witricity for Short Distance	SSRG International Journal of Electrical and Electronics Engineering (SSRG-IJEEE) ISSN: 2348 – 8379	Special Issue ICRTECITA, PP:160-162 April 2018	2.01
3	Energy Efficient Operation of Heaters in PVC Pipe Manufacturing	Journal of Applied Science and Computations, ISSN : 0076-5131 UGC Approved Journal	Volume:5 Issue:6 Pp:268-271,June 2018	5.8

Academic Year - 2017-18 -Conference					
S.No	Title of the Paper	Name of the Conference	Venue	Date	National /International
1	Intelligent Defrost System Based on Energy Management	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	Witricity for Short Distance	2 nd International Conference on Recent Trends in Engineering, Computers Information Technology and Applications –	PSNA College of Engineering and Technology	23 rd MARCH 2018	International

		ICRTECITA-18			
3	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	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.	Controlling Building Fire and Smoke Evacuation Using IoT,	International Journal of Advanced Research Trends in Engineering and Technology, ISSN 2394-3777(print), ISSN 2394-3785(online),	Vol:4, Special Issue:5, pp. 51-54, March 2017.	---
2	Dwindling of Electrical Energy Consumption in Steel Industries using Digital Camera	Technical Journal of Faculty of Engineering, Rev.Tec.Ing.Univ.Zulia	Vol: 39, Issue: 39, pp.11- 20, 2016.	---
3	Power factor Improvement in the Rubber Industry using Fuzzy Logic	Global Research and Development Journal for Engineering, ISSN 2455-5703,	pp. 157-163, July 2016.	1.5275
4	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

Academic Year - 2016-17 -Conference					
S.No	Title of the Paper	Name of the Conference	Venue	Date	National /International
1	Controlling Building Fire and Smoke Evacuation Using IOT	National Conference on (ReCanT2k17)	P.S.R Engineering College	10 th & 11 th March 2017	National
3	Smart Energy Meter	International Conference on	Kalasalingam	23 rd -25 th	International

	Billing Using GSM with Warning System	Intelligence Techniques in Control, Optimization and Signal Processing (INCOS'17)	University, Krishnan Kovil	March 2017	
3	Fault Identification on Medium Voltage Electric Network	International Conference on Power and Energy Systems- ICPES'17	Velammal College of engineering and Technology, Madurai	21 st & 22 nd April 2017	International

International Journal:

S.NO	Title of the paper	Name of the Journal & DOI	Month & Year of Publication
Academic Year(2015-2016)			
1.	Evolutionary algorithms based optimum scheduling of processing units in rice industry to reduce peak demand	Energy DOI:10.1016/j.energy.2016.04.027	April 2016
2.	Power factor improvement in the rubber industry using fuzzy logic	GRD Journal for Engineering ISSN 2455-5703	July 2016
Academic Year(2014-2015)			
1.	Optimization of operating schedule of machines in granite industry using evolutionary algorithm	Energy Conversion and Management (ELSEVIER)(AU) Annexure DOI:10.1016	Oct 2014
2.	Reduction of KVA Loading in Textile Industry using Fuzzy Logic and Evolutionary Algorithm	International Journal of Applied Engineering and Research ISSN 0973-4562	Dec 2014

Academic Year(2013-2014)			
1.	Modeling of Hybrid Power System with Fuzzy Logic Controller for Voltage Regulation	International Journal of Innovative Research in Science, Engineering and Technology	March 2014

International Conference:

S.No	Title of the Paper	Name of the Conference	Venue	Date
Academic Year (2015-2016)				
1.	Power factor improvement in the rubber industry using fuzzy logic	International Conference on Innovations in Engineering and Technology(ICIET)-16	K.L.N.College of Engineering	6-7Apr 2016
Academic Year (2014-2015)				
1.	Reduction of KVA Loading in Textile Industry using Fuzzy Logic and Evolutionary Algorithm	International Conference on Emerging Electrical Systems and Control-ICEESC 2014	Sethu Institute of Technology	4 th and 5 th Dec 2014
2.	Energy Conservation Possibilities in Heating, Ventilating Air Conditioning system using Fuzzy Logic	IEEE sponsored ninth International Conference on Intelligent Systems and Control	Karpagam College of Engineering	9 th and 10 th Jan 2015
Academic Year (2013-2014)				
1.	Modeling of Hybrid Power System with Fuzzy Logic Controller for Voltage Regulation	2014 IEEE International Conference on Innovations in Engineering and Technology	K.L.N College of Engineering	21 st & 22 nd Mar 2014
Academic Year (2012-2013)				
1.	Reduction of Maximum Demand in Textile Industry using fuzzy based power factor correction	International conference on Innovation in Intelligent Instrumentation ,Optimization and Processing	Karunya University	1 st and 2 nd March 2013

Academic Year (2011-2012)

1.	Energy Conservation Measures in a Technical Institutional Building in Tamilnadu in India	2 nd International Conference on Advances in Energy Engineering [ICAEE 2011]	Bangkok, Thailand. 2011	27 th – 28 th December 2011(2011-2012)
2.	A new proposal to implement energy management technique In Industries	International Conference on Computing, Electronics and Electrical Technologies.	NoorullIslam University	21 st -22 nd March 2012(2011-2012)

National Conference:

S.No	Title of the Paper	Name of the Conference	Venue	Date
Academic Year (2015-2016)				
1.	Energy Efficient Operation of Rubber Industry to reduce the Production cost	National conference on Power and Renewable Energy Systems-2016	Velammal College of Engineering and Technology	29-30 Jan 2016
Academic Year (2011-2012)				
1.	A New Proposal to implement Energy Conservation by replacing	National Conference “Cutting Edge Technologies in Power Conversion and Industrial Drives [PCID 2012]”	Bannari Amman Institute of Technology	8 th – 10 th February 2012(2011-2012)
2.	Master/Follower Control of Motors using PIC Microcontroller and Fiber optics	Third National Conference on “Emerging Trends in Power Systems”	K.L.N. College of Engineering, Pottapalayam	11 th April 2012(2011-2012)
3.	A New Proposal to Reduce Peak Demand during Peak Hours	Third National Conference on “Emerging Trends in Power Systems”	K.L.N. College of Engineering, Pottapalayam	11 th April 2012(2011-2012)
4.	Optimized Energy Management using ANN in Industries	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.	"Matlab Simulation for Power Factor correction of switching Power"	National Conference on Electrical Systems and Renewable Energy „NESR – 11"	Anna University of Technology, Tiruchirappalli.	18 th March 2011.(2010-2011)
2.	"Reactive Power Compensation using DSTATCOM for Power Factor Correction"	National Conference on Electrical Machines and Power Systems [EMPS 2011]	Pondicherry Engineering College, Pondicherry.	11 th Feb. 2011(2010-2011)