

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

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

STAFF WISE LIST OF PUBLICATIONS

Mr. M. Jeya Murugan, Assistant Professor (Sr.Gr)

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

Academic Year - 2021-22 -Journal				
S.No	Title of the paper	Name of the Journal & DOI	Month &Year of Publication	Impact Factor
1	Projector light control and fuzzy based control for EDOC in electric vehicle for two wheelers	LC International Journal of STEM & https://lcjstem.com/index.php/jstem/issue/view/9	Vol:3 No.1 Jan-Mar 2022 & ISSN:2708-7123	Google Scholar

Academic Year - 2021-22 -Conference					
S.No	Title of the Paper	Name of the Conference	Venue	Date	National /International
1	Projector Light control in electric vehicle for two wheelers	National Conference on Innovations in Information and Communication Technology (NCICT-2022)	Bannari Amman Institute of Technology, Sathyamangalam	08 April 2022	National
2	Rocker Bogie Suspension based Alive Human Detector Rover	National Level Conference on Informatics, Electronics and Communication NCCIEC'22	K.L.N. College of Engineering	27 th May 2022	National
3	An Automation on Goods Loading & Unloading on Train	National Level Conference on Informatics, Electronics and Communication NCCIEC'22	K.L.N. College of Engineering	27 th May 2022	National
4	Analysis and Design of Resonant Converter Topologies in Electric Vehicles	National Conference on Innovations in Information and Communication Technology (NCICT-2022)	Bannari Amman Institute of Technology, Sathyamangalam	08 April 2022	National
5	Gesture Control Life Guard Robot Using Microcontroller	National Conference on Innovations in Information and Communication Technology (NCICT-2022)	Bannari Amman Institute of Technology, Sathyamangalam	08 April 2022	National

Academic Year - 2020-21 -Journal				
S.No	Title of the paper	Name of the Journal & DOI	Month &Year of Publication	Impact Factor
1	IoT Based Solar Power Monitoring And Prediction Using Cuckoo Optimized LSTM	International Journal of P2P Network Trends and Technology & DOI: 10.14445/22492615/IJPTT-V11I2P402	Volume 11 Issue 2, Pp.6-8, Mar-April 2021 ISSN: 2249 - 2615	Crossref Index IF: 2.71

Academic Year - 2020-21 -Conference					
S.No	Title of the Paper	Name of the Conference	Venue	Date	National /International
1	GSM based Smart Auto-Changer Heart Beat Enabled E-Army Jacket using Peltier	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	Cloud Based Wind Energy Monitoring System	SSRG International Journal of Electronic and Electronics Engineering (SSRG-IJEEE)	Special Issue ICIMCEH , pp. 1-4, May 2020 ISSN: 2349 – 8379	Crossref Index

Academic Year - 2019-20 -Conference					
S.No	Title of the Paper	Name of the Conference	Venue	Date	National /International
1	Wind energy monitoring system using IOT in mach wind energy	International Conference on Innovative Inventions in Mathematics, Computers, Engineering & Humanities (ICIMCEH-2020)	Brilliant Institute of Engineering & Technology Abdullapur, Telangana	06th March 2020	International
2	Auto Synchronization of 210MW Generator to Grid using Controller	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	Real – Time Mobile Inspection Robot for Drainage System	International Conference on Recent Trends in Science, Engineering & Technology (ICRTSET' 19)	Ck College of Engineering & Technology Cuddalore	9 th 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.	Cane Unloaded EOT Crane Hoist Limited and ERC Chain Loose Alarm	SSRG International Journal of Electrical and Electronics Engineering (SSRG-IJEEE), ISSN: 2348 – 8379,	Special Issue ICRTECITA, pp.121-124, April 2018.	2.01
2	A Novel Tpc Converter for Hybrid Renewable Energy System	SSRG International Journal of Electrical and Electronics Engineering (SSRG-IJEEE), ISSN: 2348 – 8379	Special Issue ICRTECITA, pp: 113-116, April 2018	2.01

Academic Year - 2017-18 -Conference

S.No	Title of the Paper	Name of the Conference	Venue	Date	National /International
1	Monitoring and Control of Solar Panel Voltage Using IOT	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	Cane Unloaded EOT Crane Hoist Limited and ERC Chain Loose Alarm	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
3	A Novel Tpc Converter For Hybrid Renewable Energy System	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

Academic Year - 2016-17 -Journal				
S.No	Title of the paper	Name of the Journal & DOI	Month &Year of Publication	Impact Factor
1.	Impact of DG with SVC in a Meshed Transmission System,	International Journal of Science Technology and Engineering, ISSN: 2349-784X,	Vol:3, Iss:10, APRIL 2017.	4.753
2	Energy Allocation and Control of Renewable Systems using WSNSSRG,	International Journal of Electrical and Electronics Engineering, ISSN: 2348-8379,	Special Issue, MARCH 2017.	2.01

Academic Year - 2016-17 -Conference					
S.No	Title of the Paper	Name of the Conference	Venue	Date	National /International
1	Optimal Allocation of DG with SVC in Meshed Transmission System	National Conference on Recent Trends in Networking, Computing and Communication (RTN2C 17)	PSNA College of Engineering and Technology, Dindigul	27 th 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.	Digital Relay Protection for Generator Transformer in Thermal Power Plant	Samzhodhana ISSN 232 -8231	Jan 2016
2.	Timer Operated Liquid dispensing system	Samzhodhana ISSN 2321-8231	Jan 2016
3.	Automatic load frequency control of multi-source power system using flower pollination algorithm	International Journal of Engineering science invention research & development ISSN 2349-6185	May 2016
4.	A Cascaded Multilevel Inverter with less Switches	Samzhodhana ISSN 232- 8231	Jan 2016

Academic Year (2013 – 2014)			
1.	UPFC for enhancement of angle stability using optimization technique	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 (2014-2015)				
1.	A Single phase Fifteen level Cascaded H-bridge Multilevel Inverter	International Conference on Emerging Trends in Engineering and Technology	Pandian Saraswathi Yadav Engineering College	13 th & 14 th March 2015
2.	A Cascaded Asymmetric Multilevel Inverter with minimum number of switches	International Conference on Emerging Trends in Engineering and Technology	Pandian Saraswathi Yadav Engineering College	13 th & 14 th March 2015
Academic Year (2013-2014)				
1.	Implementation of SSSC for Enhancement of Small Signal Stability using Firefly Algorithm	International Conference on Power and Energy Systems(ICPES'13)	Velammal College of Engineering and Technology	19 – 21 Dec 2013
2.	UPFC for enhancement of angle stability using optimization technique	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.	Nine Level Cascaded H-Bridge Boost Inverter for High Power Applications	1 st International conference on Interdisciplinary Engineering & Sustainable Management Science	Vicram College of Engineering	22 nd and 23 rd Feb 2013

2.	Hybrid Wind-Solar Energy System –A New fused converter-Inverter Topology	1 st International conference on Interdisciplinary engineering & Sustainable Management Science	Vicram College of Engineering	22 nd and 23 rd Feb 2013
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National Conference

S.No	Title of the Paper	Name of the Conference	Venue	Date
Academic Year (2015-2016)				
1.	Automatic Load Frequency Control of Multisource Power system using Firefly Algorithm	National conference on Power and Renewable Energy Systems-2016	Velammal College of Engineering and Technology	29-30 Jan 2016
Academic Year (2010-2011)				
1.	“Multilevel H-Bridge Boost Inverters without Inductor for High Power Applications”	4 th National Conference on “Advanced Technologies in Electrical Engineering NCATEE’12”	Kamaraj College of Engineering & Technology	21 st March 2012 (2011-2012)
2.	Multilevel H-Bridge Boost Inverters with minimum Number of Switches for High Power Applications	Third National Conference on “Emerging Trends in Power Systems”	K.L.N. College of Engineering, Pottapalayam	11 th April 2012(2011- 2012)
3.	Performance of Series Resonant in Three Port Bi-Directional DC-DC Converter	Third National Conference on “Emerging Trends in Power Systems”	K.L.N. College of Engineering, Pottapalayam	11 th April 2012(2011- 2012)