

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

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**LIST OF PUBLICATIONS**

**Dr.M.Ganesh Kumari, 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	1
2.	2020 – 2021	1	--	1
3.	2019 - 2020	--	--	2
4.	2018 – 2019	-	-	2
5.	2017 – 2018	3	2	---
6.	2016 – 2017	2	2	---
7.	2015 - 2016	-	-	-
8.	2014 - 2015	1	1	1
9.	2013 – 2014	1	2	1
10.	2012 – 2013	-	-	4
11.	2011 - 2012	-	-	-
12.	2010 – 2011	-	1	1
13.	2009 – 2010	-	-	2

Academic Year - 2021-22 -Journal				
S.No	Title of the paper	Name of the Journal & DOI	Month &Year of Publication	Impact Factor
1	Modelling of PV Based Cascaded Buck-Boost Converter For	Journal of Next Generation Technology	<a href="https://jnxtgentech.com/current-issues.php">https://jnxtgentech.com/current-issues.php</a> Vol:2 No.1(2022) :May 2022	ISSN: 2583-021X

Academic Year – 2021 - 22 -Conference					
S.No	Title of the Paper	Name of the Conference	Venue	Date	National /International
1	IoT based Smart Agriculture System using Node MCU	<b>International</b> Conference on smart Technologies and Applications-2022 (ICSTA)	Ramco Institute of Technology, Rajapalayam	11-12 March 2021 (Online mode)	International
2	Modelling of PV Based Cascaded Buck-Boost Converter For Water Pumping Application	Virtual Conference on Smart computing & advancedcommunication (SCAC' 22)	PSNA College of Engineering & Technology Dindigul	13 <sup>th</sup> May 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	Load Monitoring and Controlling of Distribution Transformer by using Cloud Technology	International Journal Of Current Engineering And Scientific Research (IJCESR)	Volume-7, Issue-9, Pp. 5-11, Sep 2020	ISSN (PRINT): 2393-8374,  (ONLINE): 2394-0697

**Academic Year – 2020 -21 -Conference**

<b>S.No</b>	<b>Title of the Paper</b>	<b>Name of the Conference</b>	<b>Venue</b>	<b>Date</b>	<b>National /International</b>
1	Smart Actuator for Electrical Appliances Integrated with 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 -Conference**

<b>S.No</b>	<b>Title of the Paper</b>	<b>Name of the Conference</b>	<b>Venue</b>	<b>Date</b>	<b>National /International</b>
1	Cloud Technology Based load monitoring and controlling of Distribution transformer	National Conference on Smart Computing and Advanced Commuincation (SCAC'20)	PSNA College of Engineering and Technology	06th March 2020	National
2	A Transformerless Quadratic Cuk Converter suitable for PV System	National Conference on Smart Computing and Advanced Commuincation (SCAC'20)	PSNA College of Engineering and Technology	06th March 2020	National

**Academic Year - 2018-19 -Conference**

<b>S.No</b>	<b>Title of the Paper</b>	<b>Name of the Conference</b>	<b>Venue</b>	<b>Date</b>	<b>National /International</b>
1	ANFIS Controller based Custom Power Device for Power Quality Improvement	<b>National</b> Conference on Emerging Scenario in Power Engineering and Electrical Drives (eSpeed2K19)	K.S.Rangasamy College of Technology Tiruchengode	15 <sup>th</sup> & 16 <sup>th</sup> March 2019	<b>National</b>
2	Design of Interleaved Converter for Single Stage LED Driver	<b>National</b> conference on Smart Computing and Advanced Communication (SCAC'19)	PSNA College of Engineering and Technology	15 <sup>th</sup> MARCH 2019	<b>International</b>

### Academic Year - 2017-18 -Journal

S.No	Title of the paper	Name of the Journal & DOI	Month & Year of Publication	Impact Factor
1.	Analysis and Comparison of PSO and DE based Optimized DVR for Mitigation of Short Duration Voltage Disturbance,	Journal of Electrical Engineering, ISSN:1582-4594 <b>AU-Annexure-I</b>	Vol.18, Edition:2, pp.1-7, 2018.	0.11(SJR)
2	GSM Module based Smart Meter and Smart Home,	Journal of Applied Science and Computations, ISSN : 0076-5131 <b>UGC Approved Journal</b>	Vol:5, Issue:6 pp:253- 257,June 2018.	5.8
3	Compensation of Common Mode Voltage in Induction Motor Drives with SEPIC Converter,	SSRG International Journal of Electrical and Electronics Engineering (SSRG-IJEEE), ISSN: 2348 – 8379	Special Issue ICRTECITA, April 2018.	2.01

### Academic Year - 2017-18 -Conference

S.No	Title of the Paper	Name of the Conference	Venue	Date	National /International
1	Compensation of Common Mode Voltage in Induction Motor Drives with SEPIC Converter	2 <sup>nd</sup> International Conference on Recent Trends in Engineering, Computers Iormation Technology and Applications – ICRTECITA-18	PSNA College of Engineering and Technology	23 <sup>rd</sup> MARCH 2018	International
2	Smart home and smart meter with GSM module	International Conference on Innovations in Engineering and Industrial Applications2018 –ICIEIA'18	K.L.N. College of Engineering Madurai	11 <sup>th</sup> & 12 <sup>th</sup> 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.	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
2	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,	Vol: 7, Issue: 6, pp. 83-89, June 2017.	---

**Academic Year - 2016-17 -Conference**

S.No	Title of the Paper	Name of the Conference	Venue	Date	National /International
1	Power Quality Improvement Using Energy Storage Device	International Conference on Innovations in Engineering , Science & Technology	Christian College of Engineering and Technology, Oddanchatram	15 <sup>th</sup> -17 <sup>th</sup> March 2017	International
2	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	16 <sup>th</sup> -18 <sup>th</sup> March 2017	International

**International Journal:**

S.No	Title of the paper	Name of the Journal & DOI	Month & Year of Publication
<b>Academic Year (2014-2015)</b>			
1.	FFBPNN Approach for deduction and classification of short duration power quality event	International Journal of Applied Engineering and Research ISSN 0973-4562	Dec 2014
<b>Academic Year (2013-2014)</b>			
1.	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

**International Conference:**

S.No	Title of the Paper	Name of the Conference	Venue	Date
<b>Academic Year (2014-2015)</b>				
1.	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	4 <sup>th</sup> and 5 <sup>th</sup> Dec 2014
<b>Academic Year (2013-2014)</b>				
1.	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 – 21Dec 2013
2.	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	21 <sup>st</sup> & 22 <sup>nd</sup> Mar 2014
<b>Academic Year (2011-2012)</b>				
1.	Detection of Micro calcification in Digitized Mammogram Cancer	International Conference on Operational Research for Urban and Rural Development	Thiyagarajar College of Engineering	15-17 December 2010(2010-2011)

**National Conference:**

S.No	Title of the Paper	Name of the Conference	Venue	Date
<b>Academic Year (2014-2015)</b>				
1.	Compensation of PQ Disturbances using custom Power Devices based on fuzzy logic control technique	1 <sup>st</sup> National conferenceRecent Trends in Mechanical Engineering with Green energy and Robotics	NEHRU Institute of Engineering and Technology	22 <sup>nd</sup> May 2015

<b>Academic Year (2013-2014)</b>				
1.	Power Quality Improvement using Unified Power Quality Conditioner	National Conference on Social Transformation Through Research Advancement in Electrical Engineering(STRAEE'14)	Sethu Institute of Technology	21 <sup>st</sup> Mar 2014
<b>Academic Year (2012-2013)</b>				
1.	Detection and Classification of Voltage disturbances in Distribution system using Wavelet Transform and Neural Network	DRDO Sponsored National Conference on Innovations in Engineering & Technology	Anna University Regional Centre Madurai	27& 28 <sup>th</sup> March 2013
2.	Compensation of Short Duration Voltage Disturbance in Distribution system using Interline	National conference on "Control of Electrical Power Apparatus"	Government College of Engineering, Tirunelveli	5 <sup>th</sup> April 2013
3.	Power Quality Event Detection based on Image Processing Method	National conference on Embedded systems (NCE'13)	Regional Centre of Anna University, Tirunelveli	12 <sup>th</sup> April 2013
4.	Photovoltaic based DVR for Power quality Improvement	National Level conference on Computational Intelligence in Electrical, Electronics and Control System	Sri Vidya College of Engineering and Technology	13 <sup>th</sup> April 2013
<b>Academic Year (2010-2011)</b>				
1.	Removal of Decaying dc offset in current signals for Power System Protection	National Conference on Emerging Technologies [MKCE Confluence]	M.Kumarasamy College of Engineering	11 <sup>th</sup> Feb. 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	27 <sup>th</sup> April 2010 (2009-2010)
2.	VoltageSag Compensation using custom power devices	National Conference NCEET '10	M.A.M.College of Engineering	27 <sup>th</sup> March 2010(2009- 2010)