

**K.L.N.COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**STAFF WISE LIST OF PUBLICATIONS**

**Mr.R.Jeyapandiprathap, Assistant Professor**

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

Academic Year – 2021 -22 -Journal				
S.No	Title of the paper	Name of the Journal & DOI	Month &Year of Publication	Impact Factor
1	Design of resonant converter topologies in electric vehicles	LC International Journal of STEM & <a href="https://lcjstem.com/index.php/jstem/issue/view/9">https://lcjstem.com/index.php/jstem/issue/view/9</a>	Vol:3 No.1(2022) :Jan-Mar 2022 & ISSN:2708-7123	

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 <sup>th</sup> 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 <sup>th</sup> 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

<b>Academic Year - 2020-21 -Journal</b>				
<b>S.No</b>	<b>Title of the paper</b>	<b>Name of the Journal &amp; DOI</b>	<b>Month &amp;Year of Publication</b>	<b>Impact Factor</b>
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

<b>Academic Year - 2020-21 -Conference</b>					
<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	An Efficient Bidirectional DC-DC Charger for Electrical Vehicle using MOSFET	Virtual Conference on Smart Computing & Advanced Communication (SCAC'21)	PSNA College of Engineering and Technology, Dindigul	31 <sup>st</sup> March 2021	National

<b>Academic Year - 2019-20 -Journal</b>				
<b>S.No</b>	<b>Title of the paper</b>	<b>Name of the Journal &amp; DOI</b>	<b>Month &amp;Year of Publication</b>	<b>Impact Factor</b>
1	Implementation of a grid-tied wind power HER-inverter	SSRG International Journal of Electronic and Electronics Engineering (SSRG-IJEEE)	Special Issue ICIMCEH , pp. 5-9, May 2020 ISSN: 2349 – 8379	Crossref Index
2	Design of Efficient Converter for Wind Energy Conversion	SSRG International Journal of Electronic and Electronics Engineering (SSRG-IJEEE)	Special Issue ICIMCEH , pp. 10-15, May 2020 ISSN: 2349 – 8379	Crossref Index

<b>Academic Year - 2019-20 -Conference</b>					
<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	Design of CUK-Sepic combined converter for wind energy conversion	International Conference on Innovative Inventions in Mathematics, Computers, Engineering & Humanities (ICIMCEH-2020)	Brilliant Institute of Engineering & Technology Abdullapur, Telangana	06th March 2020	International
2	Design and implementation of a grid-tied wind power HER-inverter	International Conference on Innovative Inventions in Mathematics, Computers, Engineering & Humanities (ICIMCEH-2020)	Brilliant Institute of Engineering & Technology Abdullapur, Telangana	06th March 2020	International

<b>Academic Year - 2018-19 -Conference</b>					
<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 Control and Monitoring of Irrigation System using IoT	International Conference on Recent Innovation in Mechanical Engineering (ICRIME 2K19)	Francis Xavier Engineering College, Tirunelveli	8 <sup>th</sup> 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.	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
2	Fault Location Scheme of Smart Grid Based on Wireless Sensor Networks using Data Acquisition,	SSRG International Journal of Electrical and Electronics Engineering (SSRG-IJEEE), ISSN: 2348 – 8379	Special Issue ICRTECITA, pp:130-132, April 2018.	2.01

### Academic Year - 2017-18 -Conference

S.No	Title of the Paper	Name of the Conference	Venue	Date	National /International
1	Automatic Gate Control and Track Crack Prediction in Railways	8 <sup>th</sup> National Conference on Recent Trends in Computing , Communication and Technology	P.S.R Engineering College , Sivakasi	16 <sup>th</sup> & 17 <sup>th</sup> MARCH 2018	National
2	Fault Location Scheme of Smart Grid Based on Wireless Sensor Networks Using Data Acquisition	2 <sup>nd</sup> International Conference on Recent Trends in Engineering, Computers Information Technology and Applications – ICRTECITA-18	PSNA College of Engineering and Technology	23 <sup>rd</sup> MARCH 2018	International
3	A Novel Tpc Converter For Hybrid Renewable Energy System	2 <sup>nd</sup> International Conference on Recent Trends in Engineering, Computers Information Technology and Applications – ICRTECITA-18	PSNA College of Engineering and Technology	23 <sup>rd</sup> 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.	GSM Based versatile Robotic Vehicle,	GRD Journal for Engineering, ISSN 2455-5703	pp. 545-552, July 2016.	1.5275
2	Novel Fuzzy and Series Transformer based Fault Current Limiter,	SSRG International Journal of Electrical and Electronics Engineering,	pp 39-43,Special	2.01

		ISSN: 2348-8379	Issue, MARCH-2017.	
3	Energy Allocation and Control of Renewable Systems Using WSNSRG.	International Journal of Electrical and Electronics Engineering, ISSN: 2348-8379	Special Issue, MARCH-2017	2.01

**International Journal:**

S.No	Title of the paper	Name of the Journal & DOI	Month & Year of Publication
<b>Academic Year (2015 – 2016)</b>			
1.	GSM Based versatile robotic Vehicle	GRD Journal for Engineering ISSN 2455-5703	July 2016
2.	Design and Implementation of various controller for Solar MPPT System	Samzhodhana ISSN 2321-8231	Jan 2016
<b>Academic Year (2014 – 2015)</b>			
1.	Control of SPIC using FLC for PV Application	Samzhodhana	2015

**International Conference:**

S.No	Title of the Paper	Name of the Conference	Venue	Date
<b>Academic Year (2015 – 2016)</b>				
1.	GSM Based versatile robotic Vehicle	International Conference on Innovations in Engineering and Technology(ICIET)-16	K.L.N.College of Engineering	6-7April 2016
<b>Academic Year (2014-2015)</b>				
1.	A Bridge-less LUO converter fed BLDC motor drive for Power Factor correction	International Conference on Emerging Trends in Engineering and Technology	Pandian Saraswathi Yadav Engineering College	13 <sup>th</sup> & 14 <sup>th</sup> March 2015

**National Conference:**

<b>S.No</b>	<b>Title of the Paper</b>	<b>Name of the Conference</b>	<b>Venue</b>	<b>Date</b>
<b>Academic Year (2011-2012)</b>				
1.	Simulation and Modelling of Power Electronics Converters for DC Micro Grids	4 <sup>th</sup> National Conference on “Advanced Technologies in Electrical Engineering NCATEE’12”	Kamaraj College of Engineering & Technology	21 <sup>st</sup> March 2012 (2011-2012)
2.	Leakage Power Minimization using clock Tree and Task based Dynamic Voltage and Frequency Scaling	Third National Conference on “Emerging Trends in Power Systems”	K.L.N. College of Engineering, Pottapalayam	11 <sup>th</sup> April 2012(2011-2012)