

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

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**LIST OF PUBLICATIONS**

**Dr. C. VIMALARANI, 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
3.	2019 - 2020	-	-	-
4.	2018- 2019	-	-	2
5.	2017 - 2018	4	2	1
6.	2016 - 2017	1	1	1

**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.	Industrial based Smart Energy Meter 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 - 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	Premature Detection of Breast Carcinoma with Improved Accuracy	National Conference on Recent Trends in Information, Communication and Computing Technologies (RTICCT 19)	KSR College of Engineering, Thiruchengode	10 <sup>th</sup> MARCH 2019	National
2	Design of Electricity Line Multi Fault Monitoring System using GSM Modem	National conference on Smart Computing and Advanced Communication (SCAC'19)	PSNA College of Engineering and Technology	15th 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.	Ann Controller Based Photovoltaic Source Injected DVR	International Journal of Chem Tech Research ISSN:0974-4290 ISSN(online): 2455-9555	Vol:11 No:04, pp 107-115 , 2018	0.14 (SJR)
2	Iot Based Inferno Robot	SSRG International Journal of Electrical and Electronics Engineering (SSRG-IJEEE), ISSN: 2348 – 8379	Special Issue ICRTECITA, PP: 27-30 April 2018	2.01
3	Internet Of Things(IOT) Based Power Fluctuation Monitoring System	International Journal of Current Engineering and Scientific Research (IJCESR), ISSN:2393-8374 ISSN(online):2394-0697	Vol:5 Iss:5, 2018	0.9
4	Improved Method of Maximum Power Point Tracking of Photovoltaic (PV) array using hybrid intelligent controller	Optik (Elsevier), ISSN: 0030-4026  <b>AU-Annexure-I Scopus Sci indexed</b>	Vol. 168, pp. 403-415, 2018	1.191

### Academic Year - 2017-18 -Conference

S.No	Title of the Paper	Name of the Conference	Venue	Date	National /International
1	ANN Controller based photovoltaic source injected DVR	2 <sup>nd</sup> International conference on emerging electrical system and control (ICEESC-2017)	Sethu institute of technology, Madurai	14 <sup>th</sup> & 15 <sup>th</sup> DEC 2017	International
2	Power Fluctuation Monitoring for LT Consumer Based on Internet Of Things	2 <sup>nd</sup> National Conference on Advanced Signal Processing Communication and Networking-ASPCN-18	PSNA College of Engineering and Technology	2 <sup>nd</sup> MARCH 2018	National
3	IOT Based Inferno Robot	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**

<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.	Modeling and Performance Analysis of Solar PV System and DC-DC Converters	International Journal of Science Technology and Engineering, ISSN:2349-784X	Vol: 3, Iss:9, pp. 424-437, March 2017.	4.753

**Academic Year - 2016-17 -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	Modeling and Analysis of equivalent circuit model of solar PV cell using EMBEDDED MATLAB	2016 International Conference on Engineering and Technology (ICET)	Karpagam College of Engineering, Coimbatore	16 <sup>th</sup> -17 <sup>th</sup> December 2016	International
2	Automatic Solar Tracking and Measuring using PIC Microcontroller	National Conference on Recent Trends in Networking, Computing and Communication (RTN2C 17)	PSNA College of Engineering and Technology, Dindigul	27 <sup>th</sup> March 2017	National