

**K.L.N College of Engineering**  
**Department of Electrical and Electronics Engineering**  
**List of Publication of International/National Conference Academic year 2017-2018**

S.NO	Staff Name	Title of the paper	Conference Name	Venue	Date
1.	Dr.S.M.Kannan	Solar and IOT Based Health Monitoring Controlling and Tracking System for Soldiers	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
2.		Smart load shedding and price based energy management using microcontrollers	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
3.	Dr.S.Venkatesan	Allocation of Distributed Generation Using Sensitivity Factor in Deregulated Environment	AICTE Sponsored International Conference on Power and Energy Systems -ICPES’17	Velammal College of Engineering & Technology	21 <sup>st</sup> & 22 <sup>nd</sup> DEC 2017
4.		Location of DG Based On Sensitivity Factor In Deregulated Environment Using PSO Algorithm	International Conference on Contemporary Topics in Electrical And Electronics Engineering-ICCTEEE”2018	Karpagam College of Engineering	27 <sup>th</sup> & 28 <sup>th</sup> FEB 2018
5.		Smart Industrial Monitoring and Controlling Using Internet of Things	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
6.		Reduction of Torque Ripple Content in the BLDC motor	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
7.		Location of Distributed Generation Using Improved PSO Algorithm	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
8.	Dr.K.Gnanambal	Intelligent Sewage Cleaning 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
9.		Net Energymeter	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
10.		Advanced Metoring Infrastructure for Power Quality Monitoring of V2G Application with Integrated Renewable Energy	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
11.	Dr.S.Parthasarathy S.Manoharan	Design and Implementation of Hybrid Harmonic Filter for a Three Phase Converter Using ARM Processor	33 <sup>rd</sup> National Convention of Electrical Engineers 2017(NCEE 2017) and National Conference on “ Hybrid AC/DC Power Systems for Effective Utilization of Renewable Energy”	National Institute of Technology Tiruchirapalli	24 <sup>th</sup> & 25 <sup>th</sup> NOV 2017

12.	Dr.S.Parthasarathy	Wireless Monitoring And Speed Control Of Motors Using Variable Frequency Drives	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
13.	Dr.S.Venkatarayanan	Ardunio Based Anesthetic Injector (ABAI)	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
14.	Dr.S.Venkatarayanan Dr.S.M.Kannan	Optimum Location Of Distributed Generator in Distributed System Using Shuffled Frog Leaping Algorithm	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
15.	Dr.S.Venkatarayanan Dr.S.M.Kannan	Multi Constraint Fuzzy based Wireless Sensor Node Communication for Smart Grid	International Conference on Interdisciplinary Research Technology and Innovation – ICIRTI-2018	Baan Sukhawadea, Pattaya,Thailand	7 <sup>th</sup> to 9 <sup>th</sup> APRIL 2018
16.	Dr.S.Venkatarayanan Dr.S.M.Kannan	Optimum Location Of Distributed System Using Shuffled Frog Leaping Algorithm	International Conference on Interdisciplinary Research Technology and Innovation – ICIRTI-2018	Baan Sukhawadea, Pattaya,Thailand	7 <sup>th</sup> to 9 <sup>th</sup> APRIL 2018
17.	Dr.S.Venkatarayanan Dr.S.M.Kannan	Industrial Energy Audit and Improve Power Quality in Solar Energy System	International Conference on Interdisciplinary Research Technology and Innovation – ICIRTI-2018	Baan Sukhawadea, Pattaya,Thailand	7 <sup>th</sup> to 9 <sup>th</sup> APRIL 2018
18.	Dr.S.Venkatarayanan	Real Time Detection of Retinal Detachment And Exudates Using Fundus Image With Super pixel Multi Feature Classification	International Conference on Interdisciplinary Research Technology and Innovation – ICIRTI-2018	Baan Sukhawadea, Pattaya,Thailand	7 <sup>th</sup> to 9 <sup>th</sup> APRIL 2018
19.	Dr.S.Venkatarayanan Dr.S.M.Kannan	Analysis and Development of Music Ritham For Led Flash Light Using Micro Controllers	International Conference on Interdisciplinary Research Technology and Innovation – ICIRTI-2018	Baan Sukhawadea, Pattaya,Thailand	7 <sup>th</sup> to 9 <sup>th</sup> APRIL 2018
20.	Dr.S.Venkatarayanan Dr.S.M.Kannan	Investigations on Severity Level for Diabetic Maculopathy based on the location of lesions	International Conference on Interdisciplinary Research Technology and Innovation – ICIRTI-2018	Baan Sukhawadea, Pattaya,Thailand	7 <sup>th</sup> to 9 <sup>th</sup> APRIL 2018
21.	Dr.S.Venkatarayanan Dr.S.M.Kannan	IOT Based Health Monitoring System Using MEMS Sensor	International Conference on Interdisciplinary Research Technology and Innovation – ICIRTI-2018	Baan Sukhawadea, Pattaya,Thailand	7 <sup>th</sup> to 9 <sup>th</sup> APRIL 2018
22.	Dr.S.Venkatarayanan Dr.S.M.Kannan	Optimal Demand Response in Integrated Energy Management System for Industries	International Conference on Interdisciplinary Research Technology and Innovation – ICIRTI-2018	Baan Sukhawadea, Pattaya,Thailand	7 <sup>th</sup> to 9 <sup>th</sup> APRIL 2018
23.	Dr.S.Venkatarayanan	Power Quality Analysis in a Bulk HT Industry at Theni, Tamilnadu	International Conference on Interdisciplinary Research Technology and Innovation – ICIRTI-2018	Baan Sukhawadea, Pattaya,Thailand	7 <sup>th</sup> to 9 <sup>th</sup> APRIL 2018
24.	Dr.S.Venkatarayanan Dr.S.M.Kannan	Sequential Loading of Backup Generator with Load Sharing	International Conference on Interdisciplinary Research Technology and Innovation – ICIRTI-2018	Baan Sukhawadea, Pattaya,Thailand	7 <sup>th</sup> to 9 <sup>th</sup> APRIL 2018
25.	Dr.S.Venkatarayanan Dr.S.M.Kannan	Design and Implementation of MPPT Controller for Grid Connected Photo Voltaic System and Analysing its Performance	International Conference on Interdisciplinary Research Technology and Innovation – ICIRTI-2018	Baan Sukhawadea, Pattaya,Thailand	7 <sup>th</sup> to 9 <sup>th</sup> APRIL 2018
26.	Dr.S.Venkatarayanan Dr.S.M.Kannan	IOT based Monitoring of Fertilizer and Moisture in Agriculture	International Conference on Interdisciplinary Research Technology and Innovation – ICIRTI-2018	Baan Sukhawadea, Pattaya,Thailand	7 <sup>th</sup> to 9 <sup>th</sup> APRIL 2018

27.	Dr.S.Venkatarayanan Dr.S.M.Kannan	Analysis of Various Types of Balanced Voltage Sags	International Conference on Interdisciplinary Research Technology and Innovation – ICIRTI-2018	Baan Sukhawadea, Pattaya,Thailand	7 <sup>th</sup> to 9 <sup>th</sup> APRIL 2018
28.	Dr.S.Venkatarayanan Dr.S.M.Kannan	A Novel Method of Detection and Classification of Diabetic Retinopathy in Fundus Imagery	International Conference on Interdisciplinary Research Technology and Innovation – ICIRTI-2018	Baan Sukhawadea, Pattaya,Thailand	7 <sup>th</sup> to 9 <sup>th</sup> APRIL 2018
29.	A.Marimuthu	Public Water Source Over Absorption Limiter	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
30.	A.Marimuthu Dr.K.Gnanambal	Maximization of Loadability of Distributed System by Optimal Placement and sizing of DG using PPSO	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
31.	P.Loganthurai	Intelligent Defrost System Based on Energy Management	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
32.	P.Loganthurai	Witricity for Short Distance	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
33.	P.Loganthurai Dr.K.Gnanambal	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 <sup>th</sup> & 12 <sup>th</sup> MAY 2018
34.	M.Jegadeesan	Intelligent Energy Saving System Based on Stand By Power Reduction	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
35.		Smart Ingerss And Egress System For Indian Railways	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
36.	Dr.C.Vimalarani	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
37.		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
38.		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
39.	Dr.J.Sangeetha	RFID Based Smart System For Three Conduits And Landslide Detection	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
40.		Design and Development of GSM Based Disaster Alert System	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

41.	S.Manoharan	Design of Multilevel Inverter For High Voltage Loads With Coupled Inductors	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
42.		Design of Multilevel Inverters by Symmetrical Topology For High Voltage Loads	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
43.	M.Ganesh Kumari	Compensation of Common Mode Voltage in Induction Motor Drives with SEPIC Converter	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
44.		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
45.	M.Jeyamurugan R.Jeyapandiprathap	Monitoring and Control of Solar Panel Voltage Using IOT	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
46.	M.Jeyamurugan	Cane Unloaded EOT Crane Hoist Limited and ERC Chain Loose Alarm	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
47.	K.R.Jeyavelumani	Agricultural Intelligent 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
48.	M.Balamurugan	Microcontroller Based Sewage Cleaner	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
49.	T.Gopu R.Jeyapandiprathap	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
50.	R.Jeyapandiprathap T.Gopu	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
51.	R.Jeyapandiprathap M.Jeyamurugan	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
52.	Dr.S.Rajalingam	Intelligent Pollutant Tracking System in Vehicles	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
53.	N.Vimal Radha Vignesh	Design and Implementation of Wireless Controlled Three Phase Induction Motor Using Single Phase Supply	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
54.		Remote Sensing Rover Using Arm Processor	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

55.	A.Manoj	IOT Enabled Real – Time Fishpond Management 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
56.	Dr.S.P.Rajaram	Smart Encephalon Controlled Wheel Chair Using TGAM For ALS Patient	National Conference on New Scientific Creations in Engineering and Technology-NSCET-2K18	Nadar Saraswathi College of Engineering and Technology	16 <sup>th</sup> MARCH 2018
57.		Automation and Optimization of Solar Surveillance System	National Conference on New Scientific Creations in Engineering and Technology-NSCET-2K18	Nadar Saraswathi College of Engineering and Technology	16 <sup>th</sup> MARCH 2018
58.		IOT Based gas prebooking & gas leakage detection using IBM Server	International Conference on Innovations in Engineering and Industrial Applications 2018 –ICIEIA'18	K.L.N. College of Engineering Madurai	11 <sup>th</sup> & 12 <sup>th</sup> MAY 2018
59.	Dr.A.P.S.Ramalakshmi	Industrial Downtime Monitoring Using GSM	2 <sup>nd</sup> International Conference on Recent Trends in Engineering, Computers Information Technology and Applications – ICRTECITA-18	PSNA College of Engineering and Technology y	23 <sup>rd</sup> MARCH 2018
60.	V.Sindhu	IOT Based Nuclear Plant Valve Position Monitoring	2 <sup>nd</sup> International Conference on Recent Trends in Engineering, Computers Information Technology and Applications – ICRTECITA-18	PSNA College of Engineering and Technology y	23 <sup>rd</sup> MARCH 2018
61.		Optimal Allocation of Phasor Measurement Units Using Differential Evolution	2 <sup>nd</sup> International Conference on Recent Trends in Engineering, Computers Information Technology and Applications – ICRTECITA-18	PSNA College of Engineering and Technology y	23 <sup>rd</sup> MARCH 2018
62.		Optimal Allocation of PMU with contingencies using flower pollination algorithm	International Conference on Innovations in Engineering and Industrial Applications 2018 –ICIEIA'18	K.L.N. College of Engineering Madurai	11 <sup>th</sup> & 12 <sup>th</sup> MAY 2018
63.	R.Divya	Automated Maritime Boundary Detection System with Cyclone Alert Using Lora	2 <sup>nd</sup> International Conference on Recent Trends in Engineering, Computers Information Technology and Applications – ICRTECITA-18	PSNA College of Engineering and Technology y	23 <sup>rd</sup> MARCH 2018
64.	R.Sridevi	Industrial Penton Using PIC 16F877A	2 <sup>nd</sup> National Conference on Advanced Signal Processing Communication and Networking-ASPCN-18	PSNA College of Engineering and Technology y	2 <sup>nd</sup> MARCH 2018
65.	Dr.M.Mahalakshmi Dr.S.P.Rajaram	Distant Monitoring and Controlling of Solar Driven Irrigation System Through IOT	2018 National Power Engineering Conference (NPEC)	Thiagarajar College of Engineering	8 <sup>th</sup> -10 <sup>th</sup> MARCH 2018
66.	Dr.M.Mahalakshmi	Design and Implementation of smart farming fed by solar pv system	International Conference on Innovations in Engineering and Industrial Applications 2018 –ICIEIA'18	K.L.N. College of Engineering Madurai	11 <sup>th</sup> & 12 <sup>th</sup> MAY 2018