

**EASWARI ENGINEERING COLLEGE (AUTONOMOUS)**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**Technical Paper Publications by Faculty Members**  
**Academic Year: 2020-2021**  
**INTERNATIONAL CONFERENCE**

S. No.	Paper
1)	<b>B.Ponkarthika, V.Vijeesh, Dr.E.Kaliappan, Dr.D.Fathema farzana, G.Vignesh</b> , Automatic Prior Detection Of Accidents And Pothole, International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
2)	<b>Dr.E.Kaliappan</b> , Generation Of Capl Scripts For Ecu Communication Testing, International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility (ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
3)	<b>J;Gowrishankar, E.Kaliappan</b> , Runtime Reduction Of CPU In Automobile Embedded Systems, International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
4)	<b>D.Chandrakala</b> , VLSI Design Of High Speed And Area Efficient Radix-8, Serial-Parallel Multiplier, International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
5)	<b>Dr.E. Kaliappan</b> , Smart Dustbin Using Real Time Depth Mapping And Image Color Processing, International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
6)	<b>Dr.E.Kaliappan</b> ,Smart Iot Monitoring System With Predictive Analysis Technique For Agriculture, International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
7)	<b>B.Ponkarthika, V.Vijeesh, Dr.E.Kaliappan, Dr.D.Fathema Farzana, G.Vignesh</b> , Comparative Analysis Of Flashover By Measuring Leakage Current In Composite Insulation, International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.

8)	<b>J.Lydia,Dr.P.Marish Kumar, Dr.R.Karpagam, K.A.Indu Sailaja</b> ,Smart Energy Management System For Hybrid Power Generation, I International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
9)	<b>D Chandrakala</b> , Design Of Mobile Surveillance And Security Bot For Home Safety, International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
10)	<b>D.Fathema Farzana</b> ,Intelligent Accident Tracking System Using Raspberry Pi From Drive, International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
11)	<b>G. Vignesh</b> , Design And Implementation Of Solar Tree, International E-Conference on Challenges and Opportunities in Renewable Ener International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
12)	<b>C.Priya</b> , Biometrics Based Aadhar Voting Machine Used In Student Elections With Privacy And Security Enhancement Using Iot, International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
13)	<b>M.Venkatachalam</b> ,Touch Screen Based Advanced Menu Display And Ordering System For Restaurants Using Pi, International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
14)	<b>Dr.K. Mala</b> , A Raspberry Pi based Smart Wrist Band For Women Safety Using Iot, International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
15)	<b>Marish Kumar P</b> ,Iot Based Geo Synchronised Maximum Power Point Tracking Of Solar Panel, International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
16)	<b>Indu Sailaja K A, Marish Kumar P, Lydia J,Priya N</b> ,Human-Computer Interface (Hci) Using Eye Gaze Communication System, International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
17)	<b>Priya.N ,Marish Kumar P ,Karpagam R, Indu Sailaja K A, Priya C</b> ,Maximum Power Point Tracking Of Solar Power Generation Systems Using Fcm Clustering, I International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.

18)	<b>Priya.N ,Marish Kumar P,Indu Sailaja K A,Priya C,Venkatachalam M,</b> Control Of Generation, Storage And Energy Demand Management In Islanded Microgrids, International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
19)	<b>Marish Kumar P,Indu Sailaja K A,Priya C,Priya N,Lydia J,</b> Design And Implementation Of Super-Lift Converter With Inverter For Ac Applications, International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
20)	<b>Dr.E.Kaliappan,</b> ,Desginig Of E-Bike With Smart Locking System Using QR Code, International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
21)	<b>Dr.E.Kaliappan,</b> Intelligent Voice-Based Door Access Control System Using Embedded Application, In International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
22)	<b>Marish Kumar P,Indu Sailaja K A,Priya N,Priya C,</b> Resonant Converter Applied To Induction Heating Applications, International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
23)	<b>K.A.Indu Sailaja</b> , Automatic Trash Collecting Mobile Robot For Gated Society, International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
24)	<b>Dr.Karpagam.R</b> ,Smart Wearable Safety Device (E-Gloves) , International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
25)	<b>Dr.E.Kaliappan,</b> Remote Surveillance And Communication Using TVWS, International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
26)	<b>K.V.Thilagar,</b> Solar Powered High Gain Interleaved Boost Converter With Cascaded H-Bridge Asymmetrical Multilevel Inverter For Standalone Applications, International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
27)	<b>D.Fathema Farzana,</b> Design Of High Gain, High Efficiency Dc–Dc Converter Suitable For Solar Pv Module With Mppt, International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.

28)	<b>J.Lydia</b> , "A high efficiency Z source sparse matrix converter for vehicle to home and grid to vehicle application", Proceedings of IEEE International Conference on Smart Structures and Systems-ICSSS 20 2020 at ,Saveetha Engineering College,Chennai.
29)	<b>Dr.E. Kaliappan</b> , "Remote Surveillance and Communication Using Television White Space ,2 <sup>nd</sup> international conference on Innovative Data communication Technologies and application,3-4 September 2020.
30)	<b>Indu Sailaja K A, R.Karpagam, P.Marish Kumar,J.Lydia</b> , "Man-Machine Interface Integrating Retinal And Vocal Command Based Home Automation System" International Conference on New Age Systems and Automation Techonologies ICNAAT,Bannari Amman Institute of Techology, Oct 2020.
31)	<b>K.Mala, P.Marish Kumar</b> "Electricity Demand Forecasting Using Differential Evolution Algorithm for Tamilnadu" 2020 4th International Conference on Trends in Electronics and Informatics(ICOEI)(48184),Tirunelveli,India, pp143-146.doi:10.1109/ICOEI48184.2020,9142872.
32)	<b>J.Lydia</b> , "Optical Wireless Communication:A Survey of Recent Advances,Applications and Challenges", 3rd International Conference on Emerging Current Trends in Computing and Expert Technology, pp.791-794,2020.
33)	<b>J.Lydia</b> , "Probability Detection For Heterogeneous Networks Using FODPSO With ACO Optimization In Tunnel Based High Speed Trains", 3rd International Conference on Emerging Current Trends in Computing and Expert Technologypp.661-667,2020.
34)	<b>D.Chandrakala</b> ,"RFID BASED SMART SHOPPING SYSTEM", International e-conference on Science and Technology for Environmental Enrichment and Public Health, 29-30th September, 2020.
35)	<b>P. Pushpakarthick</b> , "Greenhouse Tracking System using Internet of Things", International E-Conference on "Science and Technology for Environmental Enrichment and Public health"(ATEEP 2020), 29th & 30th September 2020, Easwari Engineering College, Chennai.
36)	<b>Marish Kumar P, Indu Sailaja K A, Priya.N, Priya C</b> " Open Circuit Fault Detection In Z-Source Inverter Fed Induction Motor" International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
37)	<b>Priya.C ,Marish Kumar P,Priya N,Indu Sailaja K A,Lydia J</b> " Design Of Positive Buck Boost Converter With Mode Select Circuit And Feed Forward Techniques" International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.

38)	<b>Priya.N , Marish Kumar P, Indu Sailaja K A, Lydia J, Priya C,</b> " Instantaneous Power Based Current Control Scheme For Var Compensation In Hybrid Ac/Dc Networks For Smart Grid Applications", International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
39)	<b>Priya.N , Marish Kumar P, Indu Sailaja K A, Priya C, Venkatachalam M,</b> " Control Of Generation, Storage And Energy Demand Management In Isolated Microgrids", International E-Conference On Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility(ICCORSE -2020), Easwari Engineering College, 30-31 July 2020.
40)	<b>Dr. R.Karpagam,</b> "Characterization and Mechanical Properties of Lignite Fly Ash Reinforced Aluminum Alloy 6061 Metal Matrix Composites" 2nd International Conference on Materials, Manufacturing, and Machining for Industry 4.0 (ICMMM 2.0) at Bannari Amman Institute of Technology 9-10 october 2020.
41)	<b>Dr. R.Karpagam,</b> "Investigation on Harmonics and Leakage Current Reduction using SiO <sub>2</sub> CuW Nanocomposite Coating" 2nd International Conference on Materials, Manufacturing, and Machining for Industry 4.0 (ICMMM 2.0) at Bannari Amman Institute of Technology 9-10 october 2020.
42)	<b>Dr.E.Kaliappan, B.Ponkarthika, Dr.D.Fathema Farzana, G.Vignesh,</b> " Performance Evaluation of GAD Routing Protocol", second International Conference on Power, Energy, Control & Transmission systems,78-7281-1083-7/20/\$31.00@2020 IEEE,10 & 11th December 2020
43)	<b>Dr. R.Karpagam</b> "Intelligent Helmet With Sensors For Safe Driving" First International Conference on Circuits, Signals, Systems and Securities, Bannari amman institute of technology 11 & 12 th December 2020.
44)	<b>Mrs.J.Lydia,</b> "Dynamic Health monitoring and Threat detection for soldiers", International Conference on Multidisciplinary Innovations in Computing and Communication,20 April 2021.
45)	<b>Mrs.J.Lydia,</b> "Participatory Scritinized Monitoring System using Raspberry Pi", International Conference on Multidisciplinary Innovations in Computing and Communication, 20 April 2021.

**Academic Year: 2019-2020**  
**INTERNATIONAL CONFERENCE**

S. No.	Paper
46)	<b>K.A.Indu Sailaja, P.Marish Kumar, Mrs.N.Priya, Mrs.C.Priya</b> " Automatic Smart City Power Consumption Control Unit " fourth International Conference on Communication systems (ICCS-2019) BKBIET, Pilani, Rajasthan on 18th -19th October 2019.

47)	<b>P.Marish Kumar, K.A.Indu Sailaja, Mrs.J.Lydia, Mrs.D.Suganya</b> " Automated Plastic Bottle Recycling Machine" International Conference on Latest Trends in Engineering and Management (ICLTEM-19), Pondicherry on 20-21 October 2019.
48)	<b>Dr.J.Gowri Shankar, P.Pushpakarthick, Dr.E.Kaliappan</b> , "Arduino based alcohol sensing alert with engine locking system",International conference on mobile computing and sustainable informatics springer conference in Nepal , Jan 23-24 2020.
49)	<b>Dr.J.Gowri Shankar</b> , " Performance evaluation of multi dc source and single dc source on cascaded multilevel inverter",International conference on automation, signal processing , instrumentation and control ICASIC 2020 , SPRINGER, feb 27-28,2020.

**Academic Year: 2018-2019**  
**INTERNATIONAL CONFERENCE**

S. No.	Paper
50)	<b>J.Lydia</b> ,"Energy aware multiuser and multi-hop hierarchical-based routing protocol for energy management in WSN assisted IOT", International Conference on communication electronics systems, ISBN:978-1-5386-4764-6,pp.705-710,2018.
51)	<b>J.Lydia</b> ," Seamless Communication Models For Enhanced Performance In Tunnel Based High Speed Train", 2 <sup>nd</sup> International conference on Emerging Current trends in COMputing and Expert Technology (COMET),pp:611-616, March 2019.
52)	<b>J.Lydia</b> ," Energy Efficient Distributed Unequal Clustering Algorithm with Relay Node Selection for Underwater Wireless Sensor Networks", 2 <sup>nd</sup> International conference on Emerging Current trends in COMputing and Expert Technology (COMET),pp:514-519, March 2019.

**NATIONAL CONFERENCE**

S. No.	Paper
1)	<b>P. Pushpakarthick</b> , "Power Monitoring Using Microcontroller Based Energy Meter In Real Time",TAPSPEE March 2019,PP.No:13-19.
2)	<b>P. Pushpakarthick</b> ,"Power Quality Improvement In Low-Voltage Distribution Grids",TAPSPEE March 2019,PP.No:20-26.

3)	<b>Dr.K.Mala</b> ,"Smart Segregation Dustbin With Fuel Cell",TAPSPEE March 2019,PP.No:62-65.
4)	<b>D.Chandrakala</b> ,"Mitigation Of Voltage Sag And Harmonic Distortion By Using HybridMultilevel Inverter Based Statcom",TAPSPEE March 2019,PP.No:66-69.
5)	<b>D.FathemaFarzana</b> ,"Road Accidents Preventing Smart HelmetUsing Eeg Sensor",TAPSPEE March 2019,PP.No:70-75.
6)	<b>Dr.E.Kaliappan</b> ,"Design And Development Of Automatic Cloth Folding And Pressing Machine",TAPSPEE March 2019,PP.No:76-79.
7)	<b>B.Ponkarthika</b> ,"Gesture Based Communication And Automation System",TAPSPEE March 2019,PP.No:80-83.
8)	<b>Dr.K.Mala</b> ,"Quick Charging Topology Of E-Vehicle Battery Using Bridgeless Converter",TAPSPEE March 2019,PP.No:89-92
9)	<b>D.Chandrakala</b> ,"Interfacing Of Solar And Wind EnergyConversion System Using Solid StateTransformer",TAPSPEE March 2019,PP.No:98-102.
10)	<b>V.Vijeesh</b> ,"Design And Implementation Of Smart Shoe For Visually Impaired Using Lifi And Solar Reviver Technology",TAPSPEE March 2019,PP.No:103-107.
11)	<b>J.Lydia</b> ,"Security Management For Vehicles",TAPSPEE March 2019,PP.No:108-112.
12)	<b>J.Lydia</b> ,"Secured Voting SystemWith Multi-Factor Authentication",TAPSPEE March 2019,PP.No:113-116.
13)	<b>G. Vignesh</b> ,"Incremental Conductance Mppt Based Solar Powered Real Time Led Display"TAPSPEE March 2019,PP.No:117-121.
14)	<b>P. Pushpakarthick</b> ,"Iot Based Smart Waste Disposal Detection And Intimation System"TAPSPEE March 2019,PP.No:122-124.
15)	<b>Dr.E.Kaliappan,S.Vijayakumar</b> ,"Microcontroller Based Intelligent Battery Charging Station",TAPSPEE March 2019,PP.No:125-129.
16)	<b>K.A.InduSailaja</b> ,"Automated Plastic Bottle Recycling Machine"TAPSPEE March 2019,PP.No:130-134.
17)	<b>K.A.InduSailaja,P.Marish Kumar</b> ,"Automatic Smartcity Power ConsumptionControl Unit",TAPSPEE March 2019,PP.No:135-139.
18)	<b>Dr.E.Kaliappan</b> ,"Implementation Of Mqtt Protocol For Wireless Monitoring Of Industrial Drives Using Internet OfThings Technology",TAPSPEE March 2019,PP.No:140-145.

19)	<b>Vignesh.G,</b> "Iot Based Prognostic Distributive Charging Mechanism For Lead Acid Battery",TAPSPEE March 2019,PP.No:146-148.
20)	<b>Dr.E.Kaliappan, S.Vijayakumar,</b> "Human Machine Interface For Tracking And Controlling Intelligent Charging",TAPSPEE March 2019,PP.No149-153..
21)	<b>P.MarishKumar,K.A.InduSailaja,</b> "Design And Analysis Of Elementary Additional Series Positive Output Super Lift Converter Using Sliding Mode Controller",TAPSPEE March 2019,PP.No:154-157.
22)	<b>P.MarishKumar,K.A.InduSailaja,</b> "Energy Efficient Regenerative Braking In Vehicles",TAPSPEE March 2019,PP.No:158-161.
23)	<b>P.MarishKumar,K.A.InduSailaja,</b> "Voice Based Agro-Bot",TAPSPEE March 2019,PP.No:162-165.
24)	<b>P.MarishKumar,K.A.InduSailaja,</b> "Solar Powered Soft Switched Cuk Converter Fed Dc Motor Drive",TAPSPEE March 2019,PP.No:166-170.
25)	<b>K.V.Thilagar,</b> "Intelligent Gas Detection And Elimination Of Blockage In Sewage Using Robot Mechanism" TAPSPEE March 2019,PP.No:175-178.

**Academic Year: 2017-2018**  
**INTERNATIONAL CONFERENCE**

S. No.	Paper
1)	<b>P.Senthil Kumar</b> , Sharath Rajagopalan and R. Akshay Venkata Subramanian, "Efficient Traffic Handling & Traffic Signal Rules Alert System Using Thermographic Camera And Image Capturing" 37 <sup>th</sup> IRF International Conference, 10 <sup>th</sup> September 2017, Bangalore, India.
2)	<b>V.Vijeesh, B.Ponkarthika, Dr.E.Kaliappan,</b> "Energy saving and smart billing system for household consumers connected to a smart grid in Tamil Nadu Power system", First International Conference on Power, Energy, Control and Transmission Systems (ICPECTS) Feb 2018, Pg:No: 229-235.
3)	<b>J.Lydia</b> and Dr.S.Leones Sherwin, W.Anto win Shalini, "IOT Based Child Localization System, " International Conference for phoenixes on Emerging current Trends in Engineering and Management" PECTEAM 2K18 Conference Proceedings, Feb 9-10, Panimalar Engineering College, Chennai, Vol. 6, Issue 2, pp.271-274,2018.



4)	<b>J.Lydia</b> and Dr.S.Leones Sherwin, R.Priyarajan, "Advanced Vehicle Tracking System with Cloud Based Geo-position Monitoring system," International Conference for phoenixes on Emerging current Trends in Engineering and Management" PECTEAM 2K18 Conference Proceedings, Feb 9-10, Panimalar Engineering College, Chennai, Vol. 6, Issue 2, pp.266-270,2018.
5)	<b>J.Lydia</b> and Dr.S.Leones Sherwin, "Dual Triple Port DC-DC Converter", International Conference on Science, Engineering and Technology(ICONSET 2018), Jeppiar Engineering College on 23rd and 24th March, pp.239-242,2018.

## NATIONAL CONFERENCE

S. No.	Paper
1)	<b>Dr.K.Mala</b> , P.Mahila ,Bierenpattanaick,” Analysis and design of power module for hybrid photovoltaic and wave energy systems”, TAPSPEE April 2018,pp:184-188.
2)	<b>K.V.Thilagar</b> ,M.Padmasri,A.Padmini,E.Priyadharshini,” Smart Surveillance for Bank Security”, TAPSPEE April 2018,pp:148-151s.
3)	<b>V.Vijeesh</b> ,Priya.B,Sonia.M,Varsha.M.A,” Automatic Prior Detection Of Accidents And Potholes”, TAPSPEE April 2018,pp:137-143.
4)	<b>P.Senthilkumar</b> ,R.Saiprasad,” Smart agriculture system using sensors and image processing system”, TAPSPEE April 2018,pp:113-117.
5)	<b>Pushpakarthick.P</b> ,SharathRajagopalan,Prem.R, GaneshKumar.C,“FlexiblelowpowerIoTcontrollerforsolarpanelcleaning”, TAPSPEE April 2018 pp:126-131.
6)	<b>Dr.E.Kaliappan</b> ,Dr.K.Mala, J.Nareshkumar,” Isolated Full Bridge Bidirectional Converter Integrated With Three Phase Inverter for Remote Area Backup”, TAPSPEE April 2018,pp:132-136.
7)	<b>G. Vignesh</b> ,Y.V. Aishwarya,M. Jayasudha, P. Meenal,R.S. Nivethaa,” Design and fabrication of a child rescue robot using remote monitoring systems”, TAPSPEE April 2018,pp:16-19.
8)	<b>M.Padmapiya</b> ,Hariharasudhan.C, Mahesh Kanna.B,Joshua .G, Kiran Siddarth .R,” A high-voltage-gain DC–AC converter based on revised dickson charge pump Voltage multiplier”, TAPSPEE April 2018,pp:50-55.
9)	<b>D.Chandrakala</b> ,M.Samprakash,P.Praveen,M.Vijayraghavan,B.Saibalaji,” An improved transformer winding tap injection DSTATCOM topology”, TAPSPEE April 2018,pp:25-28.
10)	<b>R.Keerthana</b> , Vishal.S.V,Sai Malvika Venkatesh,” Fire-Operating System”, TAPSPEE April 2018,pp:144-147.
11)	<b>Dr.Mala.K</b> ,Prasanna Nimbalkar,Ramkrishnan G,Rengarajan N, Sriram A,” Regenerative Quadcopter For Longer Flight Duration”, TAPSPEE April 2018,pp:193-198.

**Academic Year : 2016-2017**  
**INTERNATIONAL CONFERENCE**

S. No.	PAPER
1.	Preethishri S R and <b>Kalai Selvi K</b> , “The Photovoltaic Fed Push Pull Converter with MPPT Controller for Solar Energy Applications”, IEEE 1 <sup>st</sup> International Conference on Power Electronics, Intelligent Control and Energy Systems
2.	<i>Mala Krishnamoorthi, Manoj Kumar Kalaiselvan, Vignesh Ravichandran and Manoj Kumar Baskaran</i> , “A Wearable Diagnostic Device to Combat Children’s Pneumonia”, IEEE International Conference GHTC
3.	<b>J.Lydia</b> , Leones and A.Aishwarya, “Implementation of Photovoltaic Inverter for High Power Agricultural Applications using Interleaved Fly-back Topology”, IEEE International Conference on Technological Innovations in ICT for Agriculture and Rural Development
4.	<b>E.Priya</b> and S.Surendar “An Optimal method for sensorless control of DFIG based WECS using PSO”, Joint International conference on Artificial Intelligence and Evolutionary Computation in Engineering Systems, Power Circuit and Information technologies
5.	Preethishri S R and <b>Kalai Selvi K</b> , “Push Pull Converter With PMDC Motor For Servo Applications”, International Conference (E <sup>2</sup> IC <sup>2</sup> 2016) on 15 <sup>th</sup> Dec 2016 in Karpagam College of Engineering
6.	<b>K.V.Thilagar and Kalai Selvi K</b> , “Design and simulation of Interleaved DC-DC boost converters for fuel cell applications”, International Conference (E <sup>2</sup> IC <sup>2</sup> 2016) on 15 <sup>th</sup> Dec 2016 in Karpagam College of Engineering.
7.	B.Avudai Lakshmi and <b>R.Karpagam</b> , “Realization of Proportional Resonant Controller Using TI’s F28069 Piccolo Control Stick”, International Conference on Knowledge based Computing Technologies, Feb 2017
8.	D.Ramya and <b>M. Deva Brinda</b> , “Grid connected PV/Wind hybrid system with improved power quality”, 4 <sup>th</sup>

	international conference ICETS17 Muthayammal engineering institutions,Rasipuram Namakkal.dated 30.3.2017-30.3.2017
9.	<b>P.Marishkumar,K.A.Indu sailaja, G.Vignesh,</b> Yeshwanth, E.S.Yuleshand K.Murali Krishnan, “Threshold Monitoring System For Improving Batsman’s Performance”, 3 <sup>rd</sup> International conference on Advanced Engineering and Technology for sustainable Development (ICAETSD) march 30th and 31th 2017,volume 1, pp 617-622.
10.	<b>J.Lydia,</b> Leones, <b>P.Marish kumar</b> and A.Aishwarya, “Design and Implementation of Photovoltaic Inverter System using Multi- cell Interleaved Fly- back Topology”, 3 <sup>rd</sup> International conference on Advanced Engineering and Technology for sustainable Development (ICAETSD) march 30th and 31th 2017,volume 1, pp 702- 708.
11.	<b>P.Marish kumar,R.Keerthana and K.A.Indu Sailaja,</b> “Hybrid Mppt Technique Using Fuzzy Logic And Ant Colony For Effective Solar Pumping Head”, 3 <sup>rd</sup> International conference on Advanced Engineering and Technology for sustainable Development (ICAETSD) march 30th and 31th 2017,volume 1, pp 607-617
12.	<b>P.Marish kumar,</b> C.Sharmeela and S.Amosidinekaran, “Design Of Ripple Free Dc-Dc Converter For An Efficient Pv Based Pumping System Using Mppt Techniques”, 3 <sup>rd</sup> International Conference On Advanced Engineering And Technology For Sustainable Development (ICAETSD) March 30th And 31th 2017, Volume 1, Pp 597-606.
13.	<b>Pushpakarthick.P,k.v.Thilagar, P.Senthil kumar, G.Vignesh,</b> “Direct Flux And Torque Control Of Induction Motor Drive For Speed Regulator Using Pi And Fuzzy Logic Controllers”, International Conference on Science and Innovative Engineering 2017, 2nd April 2017, Chennai, India., ISBN 978-81-904760-9-6, MAY 2017 issue, Volume 3.
14.	<b>Lydia,</b> Aarthy and Anandhu, “Embedded Based Public Transit Aid System For The Visually Impaired”, International Conference on Emerging Trends in Engineering, Technology, Science and Management (ICET-2017) 25.3.17,pp 323-325
15.	P.Vignesh, T.Senthil selvan, Vigneshwar, Sunil and <b>J.Lydia,</b> “Smart Solar Vehicle”, International Conference on Innovative Trends in Engineering, Science and Technology (ICITEST- 2K17) 25.3.17, pp 363-366

16.	<b>Pushpakarthick.P</b> , Srividya S, Srividhya S, Fouzul Rahman and S.T.Prasanna, “Design of GRA Wind Power Generation”, International Conference on Science and Innovative Engineering 2017, 2nd April 2017, Chennai, India., ISBN 978-81-904760-9-6, MAY 2017 issue, Volume 3.
17.	<b>Pushpakarthick.P and P.Senthil kumar</b> , “Design and Implementation Of Solar Powered Electromagnets”, International Conference on Science and Innovative Engineering 2017, 2nd April 2017, Chennai, India., ISBN 978-81-904760-9-6, MAY 2017 issue, Volume 3.
18.	<b>V.Vijeesh</b> , Yuvaraj and Ramya, “Design and Development of Dry Leaf Recycler and Compost Depositing System”, International Conference on Engineering, Energy & Environment (ICEEE- 2017), March 31 to April02, pp:1237-1243.
19.	Varun S,Vidhya venkat and <b>E.Priya</b> , “Code Red: Environment Recognition Safety Protocol”, International Conference on Engineering, Energy & Environment (ICEEE- 2017), March 31 to April 02, pp:460-463.

### **NATIONAL CONFERENCE**

S.NO	PAPER
1.	<b>Dr.R.Murugan</b> “Low Cost Efficient Gesture Control Automated Landmine Detecting Rover”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
2.	<b>Dr.R.Murugan</b> , “Genesis of Smart Cart”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
3.	<b>Dr.R.Murugan</b> , “An Optimal and Learning Based Demand Response and Energy Management System” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.

4.	<b>Dr.K.Mala</b> , “Home Energy Management System Using Arduino” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
5.	<b>Dr.K.Mala</b> , “Affordable Diagnostic Infused Thermal Incubator”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
6.	<b>Dr.K.Mala</b> , “Torque ripple control of BLDC motor used in hybrid electric vehicle using modified switching technique”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
7.	<b>Dr.K.Mala</b> , “An Affordable Wearable Device For Continuous Monitoring Of Children’s Pneumonia”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
8.	<b>Dr.R.Karpagam</b> , “Anuraksh-Wearable for women safety with self defense syatem using Bluetooth and Raspberrypi”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
9.	<b>Dr.R.Karpagam</b> , “E-Vehicle- Automatic speed control using Zig bee Module”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
10.	<b>Mrs. A.Joseline Metilda</b> , “ Smart Patch For Stress Relief For Hypertension Patients”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
11.	<b>Mrs. A.Joseline Metilda</b> , “Vertical Axis Wind Turbine Power Generation And Load Sharing Using PIC Controller”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
12.	<b>Mrs. A.Joseline Metilda</b> , “Fault Diagnostics of SVM Inverter Fed Induction Motor Drive”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.

13.	<b>Mrs. M.Deva Brinda</b> , “Real Time Solar Conditioning Unit With Interleaved Buck Converter Using Model Predictive Control”,Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
14.	<b>Mrs. M.Deva Brinda</b> , “MPPT for PV based Sepicinverter cascaded system” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
15.	<b>Mr. P.Marish Kumar</b> , “High Performance Solar PV Panel With High Efficient DC-DC Converter”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
16.	<b>Mrs. K.A.Indu Sailaja</b> , “Target Indication Using Rssi Sensor”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
17.	<b>Mrs. K.A.Indu Sailaja</b> , “Smart Monitoring System For Improving Batsman’s Performance”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
18.	<b>Mrs. Lydia.J</b> , “ Voice Assistance Transit Aid System for the Visually Impaired”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
19.	<b>Mrs. Lydia.J</b> , “Smart Solar Car” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
20.	<b>Mr. K.V. Thilagar</b> , “Power Imbalance Control In Photovoltaic Power Plants Using Delta Connected Cascaded H- Bridge Multilevel Inverter” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
21.	<b>Mr. K.V. Thilagar</b> , “Single-Switch Isolated Quasi Z Source DC-DC Converter for Photovoltaic Applications” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.

22.	<b>Mr. P.Marish Kumar</b> , “Target Indication Using Rssi Sensor” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
23.	<b>Mrs. K.A.Indu Sailaja</b> , “PLC Based HXII Design of Inter Connecting Transformer Protection and Control” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
24.	<b>Mrs. K.A.Indu Sailaja</b> , “PV Module With Enhanced Efficiency”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
25.	<b>Mr. P.PushpaKarthick</b> , “Design and implementation of PV wind Hybrid System using power conditioning units” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
26.	<b>Mr. P.PushpaKarthick</b> , “Reading Assistant System For And Artificial Conversational Entity” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
27.	<b>Mr. V.Vijeesh</b> , “Microcontroller based Cooling Tower Control”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
28.	<b>Mr. V.Vijeesh</b> , “A Future Study on Dry Leaf Recycler and Compost Depositing System” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
29.	<b>Mrs. R.Keerthana</b> , “Fuzzy Modelling and Analysis of PV Based System Using Z-Source Inverter” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
30.	<b>Mr. P.Senthil Kumar</b> , “Self Powered Mobile Networks Using Single Board Computer” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
31.	<b>Mr. G.Vignesh</b> , “Pure Sine Wave Inverter using Digital Look-Up Table for Standalone PV Applications” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April



	2017
32.	<b>Mr. Agin Paul</b> , “Simultaneous micro grid current and voltage harmonics compensation using coordinated control of dual interfacing converters” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
33.	<b>Ms. Priya E</b> , “AR Helmet based Data Visualization for Fire fighters” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
34.	<b>Ms. B.Ponkarthika</b> , “Energy auditing and evaluation of Harmonics in our college campus” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
35.	<b>Ms. B.Ponkarthika</b> , “Analysis and implementation of Hand tremor control” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017

**Academic year : 2015-2016**

**INTERNATIONAL CONFERENCE**

S. No.	Paper
1.	<b>Dr.K.Mala</b> , “Remedial Measures for Voltage dip using Crowbar protection Technique for DFIG Wind Turbine”, Green Technology for power generation, communication and Instrumentation ICGOC-16
2.	Aishwarya.B.V, Archana and <b>C.Umayal</b> , “Agriculture robotic vehicle based pesticide sprayer with efficiency optimization “,2015 IEEE International Conference on Technological Innovations in ICT for Agriculture and Rural Development, TIAR 2015

**Academic year : 2014-2015**

**INTERNATIONAL CONFERENCE**

<b>S. No.</b>	<b>Paper</b>
1.	K. VishnuPriya, <b>K.Kalai Selvi</b> , "Incremental Conductance Algorithm with Direct control using Boost Converter for Standalone PV System", International Conference on Green Technologies for Power Generation and Communication (ICGPC), St Peters University, Chennai, Conference, Tamil Nadu, April 3-4 2014.
2.	S.Preethi Packiashree, <b>Murugan,M</b> , N.Saravana Kumar," Realisation of Pulse Forming Network for Electromagnet IC Launch System", International Conference on Green Technologies for Power Generation and Communication (ICGPC), St Peters University, Chennai, Conference, Tamil Nadu, April 3-4 2014.
3.	Aswathy.J.S , <b>K Mala</b> ," Implementation of Bridgeless Resonant Pseudo Boost Pfc Rectifier With Enabling Window Control", International Conference on Circuit, Power and Computing Technologies(ICCPCT), Nourul Islam University, Kumarakoil, Kanyakumari, Tamil Nadu.
4.	A.Hemavathy, <b>k.Mala</b> , "Coupled Inductor based Boost Converter for PV Application", International Conference on Computation of power , Energy, Information and Communication, Athiparasakthi College of Engineering,Chennai,Tamilnadu.
5.	Avudai Lakshmi, B.; <b>Karpagam, R.</b> , "Resonant controller based STATCOM used in wind farms to mitigate power quality issues," in Electrical, Computer and Communication Technologies (ICECCT), 2015 IEEE International Conference on , vol., no., pp.1-5, 5-7 March 2015

6.	Avudai Lakshmi, B.; <b>Karpagam, R.</b> , "Improving Voltage Profile Using PR Controller Based Facts Device In Distributed Power Generation Systems",in Proceedings of 24th IRF International Conference, 3rd May 2015, Chennai, India.
7.	R.Cheryl Faithlin PG scholar, <b>Dr.R.Karpagam Raj</b> ,Easwari Engineering College, Chennai, India,"A High efficient single phase inverter bridge topologies for transformerless PV system", fourth international conference on contemporary engineering and technology, march 2015.
8.	C.Saranya, <b>C.Umayal</b> , " Fuzzy logic based direct control of B4 Inverter fed BLDC motor drive" International Conference on Engineering Technology and Science (ICETS'15) 5th and 6th March 2015
9.	<b>A.Joseline Metilda</b> , R.Ezhil, "PI and Fuzzy Logic based Hybrid Filter for power quality Improvements", International Conference on Green Technologies for Power Generation and Communication (ICGPC), St Peters University, Chennai, Conference, Tamil Nadu, April 3-4 2014.
10.	T.Anushalini, <b>Smilee Mathuram</b> ," Maximum Power point tracking by beta Method and Design of Neuro-Fuzzy Based High step up converter", International Conference on Green Technologies for Power Generation and Communication (ICGPC), St Peters University, Chennai, Conference, Tamil Nadu, April 3-4 2014.

### National Conference

S. No.	PAPER
1.	K.VishnuPriya, Dr. <b>K. Kalai Selvi</b> , "Incremental Conductance Algorithm with Direct control using Boost Converter for Standalone PV System", in Fifth National Conference on Technological Advancements in Power System and Power Electronics Engineering 17th april 2015.
2.	S.Nisha parveen and <b>Dr. K. Kalai Selvi</b> , "Active Buck Boost (AC/AC Unit) Transformerless Grid Connected Nine Level

	Inverter”, in Fifth National Conference on Technological Advancements in Power System and Power Electronics Engineering 17th april 2015.
3.	.Preethi Packiashree, <b>Dr. R. Murugan</b> , “Effect Of Different Triggering Methods For 600KJ Pulsed Power Supply Using Matlab Simulink”, ”, in Fifth National Conference on Technological Advancements in Power System and Power Electronics Engineering 17th april 2015.
4.	<b>Dr.Murugan</b> , Udaya.T, “Performance Analysis Of Various Rail Shapes Using 2-D Finite Element Method” ”, in Fifth National Conference on Technological Advancements in Power System and Power Electronics Engineering 17th april 2015.
5.	<b>Dr. K. Mala</b> , A.Hemavathi, “Analysis and Design of High Voltage Gain Boost Converter For Photovoltaic Applications”, in Fifth National Conference on Technological Advancements in Power System and Power Electronics Engineering 17th april 2015.
6.	<b>Dr. K. Mala</b> , Kapardi.M, Krishna.M, Ashwin.R and Pranav.G, “Automation of Household Appliances Using Touchscreen Interface”, in Fifth National Conference on Technological Advancements in Power System and Power Electronics Engineering 17th april 2015.
7.	Aswathy J S and <b>Dr. K. Mala</b> , “Implementation of Bridgeless Resonant Pseudo Boost PFC Rectifier With Enabling Window Control”, in Fifth National Conference on Technological Advancements in Power System and Power Electronics Engineering 17th april 2015.
8.	<b>Dr. K. Mala</b> , Valli.C, Yamini Ramesh and Shyam Narayan.J, “Design and Implementation of Reconnoiter Robot using Grid-EYE for Military Purposes”, in Fifth National Conference on Technological Advancements in Power System and Power Electronics Engineering 17th april 2015.
9.	B. Avudai Lakshmi and <b>Dr. R. Karpagam</b> , “Analysing the Performance of SSSC with the Help of Proportional Resonant (PR) Controller”, in Fifth National Conference on Technological Advancements in Power System and Power Electronics

	Engineering 17th april 2015.
10	<b>R. Cheryl Faithlin, Dr. R. Karpagam Raj</b> , “Performance Analysis on Single Phase Inverter Bridge Topologies for Transformerless PV system”, in Fifth National Conference on Technological Advancements in Power System and Power Electronics Engineering 17th april 2015.
11	<b>Mrs.A.Joseline Metilda</b> , V. Aparna,. Nivethithaa C, Nasrin Fathima N, Jhanani R, “Pulse Generator Card For Dosing Pump”, in Fifth National Conference on Technological Advancements in Power System and Power Electronics Engineering 17th April 2015.
12	<b>A.Joseline Metilda</b> , R.Ezhil, C.Sharmeela, “Performance Analysis Of Hybrid Filter For Power Quality Improvement Using Pi And Fuzzy”, in Fifth National Conference on “Technological Advancements in Power System and Power Electronics Engineering 17th april 2015.
13	<b>A.Joseline Metilda</b> , R. Rajashree, R Shruthi “Image Analysis Of Cystic Fibrosis- A Comparative Study Of Classifiers”,Technological Advancements in Power System and Power Electronics Engineering 17th april 2015.
14	<b>Smilee Mathuram</b> , Anushalini.T , “Design of Neurofuzzy Based High Step-up Converter And Maximum Power Point Tracking by Beta Method with Hardware Implementation of Converter”, in Fifth National Conference on Technological Advancements in Power System and Power Electronics Engineering 17th april 2015.
15	<b>Mrs.Smilee Maturam</b> , R.Sudarsan, S.A.Venkatesh Krishna, P.Vinodhini Priya, J.P.Vijay, “Automation In Automobiles Using Arduino Programming“,in Fifth National Conference on Technological Advancements in Power System and Power Electronics Engineering 17th april 2015.
16	<b>Mrs.M.Devabrinda</b> , Vaishnavi S, Vinotha R,Soorya Prakash.P, “Agc For Two Area Interconnected Power System Using Bacterial Foraging Optimization Algorithm”, in Fifth National Conference on Technological Advancements in Power System and Power Electronics Engineering 17th april 2015.

17	Kiruba Shankar. A.M, <b>Deva Brindha. M</b> , “Design of an eco-friendly aviation architecture using ZVS interleaved boost converter”, in Fifth National Conference on Technological Advancements in Power System and Power Electronics Engineering 17th april 2015.
18	<b>Mrs M.Devabrindha</b> , Karpagapreetha P , Mithra R Karthik R, Krishna Kumar S ,” Load Frequency Control For Two Area Interconnected Power System Using Bacterial Foraging Optimization Algorithm”, in Fifth National Conference on Technological Advancements in Power System and Power Electronics Engineering 17th april 2015.
19	<b>D.Chandrakala</b> , A.Naresh , “Design of three level Neutral Point Clamped Inverter with Space Vector Modulation Technique”, in Fifth National Conference on Technological Advancements in Power System and Power Electronics Engineering 17th april 2015.
20	<b>Mrs.D.Chandrakala</b> , Preeja, Ramkishore N M, Srinandini K, Siva Subramaniyan A , “Implementation Of Real And Reactive Power Control Of Grid Tied Z Source Inverter Using Hybrid Renewable Energy Sources”, in Fifth National Conference on Technological Advancements in Power System and Power Electronics Engineering 17th april 2015.
21	Chinnu.k, <b>Thilagar.K.V</b> ,” Implementation of a Two Phase Interleaved Power Factor Correction Boost Converter for Distributed Load”, in Fifth National Conference on Technological Advancements in Power System and Power Electronics Engineering 17th april 2015.
22	<b>K.V.Thilagar</b> , Pavithra G, Keshav S, Balasubramaniam N Mohan,” Implementation Of Non-Isolated Zvzcs Pwm Interleaved Boost Converter ”, in Fifth National Conference on Technological Advancements in Power System and Power Electronics Engineering 17th april 2015.
23	<b>J. Lydia</b> , P.Ponram, K.Siddharth, T. Lokesh, V.Vignesh, “Patient health monitoring and ambulance tracking using GSM and GPS”, in Fifth National Conference on Technological Advancements in Power System and Power Electronics Engineering 17th

	april 2015.
24	S.D. Arphaxad, <b>J.Lydia</b> , S. Leones Sherwin, Vimalraj, “Improved Multiplier Cell based High voltage gain converter for Three Level Diode Clamped Inverter System”, in Fifth National Conference on Technological Advancements in Power System and Power Electronics Engineering 17th april 2015.
25	<b>J.Lydia</b> , Dinesh,” Crop Planning And Crop Care Tool For Agriculture Based On Wsn Technology”, in Fifth National Conference on Technological Advancements in Power System and Power Electronics Engineering 17th april 2015.
26	D.S. Sujeendar Dev, <b>K. A. Indu sailaja</b> , “An improved voltage quadrupler DC converter with less ripple and speed control of DC motor”, in Fifth National Conference on Technological Advancements in Power System and Power Electronics Engineering 17th april 2015.
27	<b>P.Pushpakarthick</b> , M.David Selvakumar,” Harmonic Less Quasi-Z-Source Inverter Fed Induction Motor Drive Using Space Vector Modulation (SVM)”, in Fifth National Conference on Technological Advancements in Power System and Power Electronics Engineering 17th april 2015.
28	<b>Mrs.K.Priyadharsini</b> , G Aaron, K.Krishnamurthy,” Monitoring Power And Management Of Mechanical Vibrations And Temperature Of Small Wind Turbines Using Wsn”, in Fifth National Conference on Technological Advancements in Power System and Power Electronics Engineering 17th april 2015.
29	Karthik. R, <b>Vijeesh. V</b> ,” MPPT Enabled DC-DC Converter-Based Bidirectional Inverter for Residential Photovoltaic System”, in Fifth National Conference on Technological Advancements in Power System and Power Electronics Engineering 17th april 2015.
30	<b>R.Keerthana</b> , Sushmabhagyashree.S , Swathy.K , Vasuvi.V, Vishal.S,” Sensor Based Control of Intensity of LED Street Lamps Using Piezoelectric Technique”, International Journal of Applied Engineering Research (IJAER), Research India Publications, ISSN 0973-4562, pp.30239-30243, Vol.10 No.40 (2015).

