

Conference Publications

List of publications - Year-wise (2015-2019)

2019

International Conferences

1. S. Verma, S Dutta, P K Sadhu., M J B Reddy, D K Mohanta, Islanding Detection using bi-directional energy meter in a DFIG based active distribution network; 2019 International Conference on Computer, Electrical & Communication Engineering (ICCECE), Kolkata, 2019
2. Shashank Singh, Aryesh Namboodiri and Selvan, M.P., "Simplified Algorithm for Dynamic Demand Response in Smart Homes Under Smart Grid Environment", IEEE PES GTD Grand International Conference and Exposition Asia GTD Asia-2019, 19-23 March 2019, Bangkok, Thailand, pp. 259-264.
3. P S R Nayak, G Peddanna, K Kamalpathi, B K Naick, " Analysis of Mutual Inductance Between multi-Single Coupled Coils at square structure usiong FEM
4. Shashank Singh and Selvan, M.P., "A Smart Energy Meter Enabling Self-Demand Response of Consumers in Smart Cities of Tamil Nadu", IEEE International Conference on Smart Cities Model ICSCM-2019, 20-21 January 2019, IIT Madras, Chennai, India, pp. 1-6.
5. Shashank Singh, Sudharsan Thirumalai and Selvan, M.P., "Realization of Self-Demand Response Through Non-Intrusive Load Monitoring Algorithm", IEEE International Conference on Electronics, Computing and Communication Technologies IEEE CONECCT-2019, 26-27 July 2019, IIIT Bangalore, India, pp. 1-6.

2018

International Conferences

1. Priyabrata Shaw, M Sahoo, ' Switched-Inductor Based High Voltage Gain Step-up DC-DC Converter for Photovoltaic Micro-Inverter Application' in proceeding of INDICON-2018, Coimbatore, India.
2. R. Ramya and S. Moorthi, "Design and Implementation of Accuracy Configurable Multi-Precision Multiplier Architecture for Signal Processing Applications," 2018 IEEE Recent Advances in Intelligent Computational Systems (RAICS), Thiruvananthapuram, India, 2018, pp. 89-93. doi: 10.1109/RAICS.2018.8635045.
3. Nayak, P.; Dharavath, K.; Dey, R.; Sundareswaran, K. and Simon, S. (2018). Performance Evaluation of Square Coupled Coils at Different Misalignments for Electric Vehicle Battery Charging .In Proceedings of the 4th International Conference on Vehicle Technology and Intelligent Transport Systems - Volume 1: VEHITS, ISBN 978-989-758-293-6, pages 290-297.
4. Nimal Madhu, Vivek Mohan, Jai Govind Singh, Reshma Suresh,'Risk Adjusted Co-optimization of ATC in High-Low Voltage Interconnected Power Systems', PEDES 2018, IIT Madras.

5. P Priyanka, Shelas Sathyan, M Sahoo, 'Current-fed Integrated Single-Input Multi-Output (SIMO) Switched Converter', in the proceeding of INDICON-2018, Coimbatore, India
6. Optimized sliding mode control for input-output linearized MIMO nonlinear system” MS Sunila, V Sankaranarayanan, 2018 International Conference on Power, Instrumentation, Control
7. B. Bijukumar, A. G. Kaushik Raam ,G. Saravana Ilango and C. Nagamani , “An Investigation on the Suitability of Grid Connected Inverters for Thermoelectric Generator Systems in Industrial Applications ”, IEEE International Conference on Emerging Trends in Engineering, Science and Technology (ICETEST) – PICC, 2018.
8. D. K. Behera, I. Anand, B. Malakonda Reddy, and S. Senthil kumar, "A Novel Control Scheme for a Standalone Solar PV System Employing a Multiport DC-DC Converter," 2018 9th International Conference on Computing, Communication and Networking Technologies (ICCCNT), Bengaluru, India, 10 - 12 July 2018, pp. 1-6. doi: 10.1109/ICCCNT.2018.8494101
9. A. Karthikeyan, K. K. Prabhakaran, D. G. Abhilash Krishna and C. Nagamani, "Standalone single stage PV fed reduced switch inverter based independent control of two PMSM drive," 2018 IEEE International Telecommunications Energy Conference (INTELEC), Turin, 2018, pp. 1-6. doi: 10.1109/INTLEC.2018.8612359
10. A. Karthikeyan, K. K. Prabhakaran and C. Nagamani, "Four quadrant operation of direct torque controlled PMSM drive using speed loop PDFF controller", 2018 International Conference on Power, Instrumentation, Control and Computing (PICC), Thrissur, 2018, pp. 1-6. doi: 10.1109/PICC.2018.8384784
11. P. S. R. Nayak and T. A. Ruzfal, "Performance analysis of feedback controller design for induction motor soft-starting using bio-inspired algorithms," 2018 International Conference on Power, Instrumentation, Control and Computing (PICC), Thrissur, 2018, pp. 1-6
12. A. Karthikeyan, D. G. Abhilash Krishna and C. Nagamani, "Virtual Impedance based DFCL for DVR during Downstream Faults," 2018 IEEE International Conference on Power Electronics, Drives and Energy Systems (PEDES), Chennai, India, 2018, pp. 1-6. doi: 10.1109/PEDES.2018.8707776
13. P. S. R. Nayak and D. Kishan, "Design and analysis of SS resonant IPT system with computed mutual inductance through FEM model," 2018 International Conference on Power, Instrumentation, Control and Computing (PICC), Thrissur, 2018, pp. 1-5. doi: 10.1109/PICC.2018.8384758
14. B. Bijukumar, A. G. K. Raam, S. I. Ganesan and C. Nagamani, "An investigation on the suitability of grid connected PV inverters for thermoelectric generator systems in industrial applications," 2018 International Conference on Power, Instrumentation, Control and Computing (PICC), Thrissur, 2018, pp. 1-6. doi: 10.1109/PICC.2018.8384766
15. A. Annamalai, K. Sundareswaran, S. P. Simon and K. A. Kumar, "A Design Proposal for Butter Extraction System," 2018 IEEE International Conference on Power Electronics, Drives and Energy Systems (PEDES), Chennai, India, 2018, pp. 1-4. doi: 10.1109/PEDES.2018.8707583
16. Dinesh, P., Kumar Teja, K., Shashank Singh, Selvan, M.P. and Moorthi, S. “FPGA Based SoC Estimator and Constant Current Charging/Discharging Controller for Lead-Acid Battery”, IEEE International Conference INDICON-2018, 16-18 December 2018, Amrita Vishwa Vidyapeetham, Coimbatore, India, pp. 1-6.

17. Sindhu, Jisma, Maya, Krishnapriya, Vivek Mohan, 'Optimal Placement and Sizing of Harmonic and Reactive Compensators in Interconnected Power Systems', INDICON 2018, Amrita University, Coimbatore.
18. Priyabrata Shaw, M Sahoo, ' Switched-Inductor Based High Voltage Gain Step-up DC-DC Converter for Photovoltaic Micro-Inverter Application' in proceeding of INDICON-2018, Coimbatore, India
19. Josephine R L & Prasananjalli, Modified Voltage Lift Switched Inductor Based Sepic Converter for Photovoltaic Boost Applications, 51st Annual Frontiers of Power Conference, Oklahoma State University, Stillwater, USA, Conference proceedings

National Conferences

1. S. K. Sahu, A. M. Khalkho, D. K. Mohanta, M. J. B. Reddy, R. C. Jha and D. Ghosh, "Fuzzy Reliability Analysis of Unit Commitment Problem Considering Uncertain Outage Replacement Rate and Load Representation," 2018 20th National Power Systems Conference (NPSC), Tiruchirappalli, India, 2018, pp. 1-6
2. Sreelakshmy J, B. Pradeep Kumar, G. Saravana Ilango, C. Nagamani, "Identification of Faults in PV Array using Maximal Overlap Discrete Wavelet Transform ", National Power Systems Conference (NPSC 2018)
3. B. Mallikarjuna, A. Saggurthi, M. J. Bharata Reddy and D. K. Mohanta, "PMU based Distance Protection Methodology to Avert Malfunction due to FACTS controllers," 2018 20th National Power Systems Conference (NPSC), Tiruchirappalli, India, 2018, pp. 1-6
4. P. S. R. Nayak and T. A. Rufzal, "Flower Pollination Algorithm Based PI Controller Design for Induction Motor Scheme of Soft-Starting," 2018 20th National Power Systems Conference (NPSC), Tiruchirappalli, India, 2018, pp. 1-6.
5. C. M. Jenisha, N. A. Gounden and A. Agarwal, "Integration of PV array to three-phase grid using Power Electronic converters with de-coupled control," 2018 20th National Power Systems Conference (NPSC), Tiruchirappalli, India, 2018, pp. 1-6. doi: 10.1109/NPSC.2018.8771802
6. Hanumanthan Rao, B., Chandan Kumar, B., Manjunatha Sharma, K. and Selvan, M.P., "Design and Development of an Emulator for Distribution Automation Using DCS", National Power Systems Conference (NPSC 2018), 14-16 December, 2018, NIT-Tiruchirappalli, INDIA
7. Arun, S.L. and Selvan, M.P., "Prosumer based Demand Response for Profitable Power Exchange between End-user and Utility", National Power Systems Conference (NPSC 2018), 14-16 December, 2018, NIT-Tiruchirappalli, INDIA.
8. Navya Krishnan K, Hanumanthan Rao, B., Arun, S.L. and Selvan, M.P., "Interactive Demand Response in a Locality of Smart Power System", National Power Systems Conference (NPSC 2018), 14-16 December, 2018, NIT-Tiruchirappalli, INDIA.
9. Rajesh, K., Nagamani, C., and Saravana Ilango, G., 'A Buck-Boost Converter with DC Link Voltage Boost for Minimizing Torque Ripple in Brushless DC Motor' National Power Systems Conference (NPSC 2018)
10. S. Rajasekar, V. Karthikeyan and N. Kumaresan, "Experimental Validation of CCM and DCM Operations of Semi-Bridgeless Boost Rectifier for Power Quality Improvement in UPS System," 2018

20th National Power Systems Conference (NPSC), Tiruchirappalli, India, 2018, pp. 1-6. doi: 10.1109/NPSC.2018.8771813

2017

International Conferences

1. K. A. Sathish and S. Sudha, "Hardware realization of fuzzy logic driven PWM controller for a cold storage system," 2017 2nd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT), Bangalore, 2017, pp. 236-240
2. N. Kumar, D. K. Mohanta, E. Kispotta, D. Hansda and M. J. B. Reddy, "Efficiency enhancement of thermal power plants using refrigerant-R600a in condenser section," 2017 International Conference on Innovations in Green Energy and Healthcare Technologies (IGEHT), Coimbatore, 2017, pp. 1-6.
3. Karthikeyan, D. G. Abhilash Krishna, S. Kumar and C. Nagamani, "Design and Analysis of Multi-Loop Feed Forward Control Schemes for DVR under Distorted Grid Conditions," 2017 14th IEEE India Council International Conference (INDICON), Roorkee, 2017, pp. 1-6
4. M. P. Sruthi, C. Nagamani and G. S. Ilango, "Dynamic load sharing in multi-machine conveyor belt systems," 2017 IEEE PES Asia-Pacific Power and Energy Engineering Conference (APPEEC), Bangalore, 2017, pp. 1-6
5. Karthikeyan, K. K. Prabhakaran, B. V. Perumal and C. Nagamani, "Pseudo derivative feedback current controlled sensorless PMSM drive with flux-torque based mras estimator for low speed operation," 2017 IEEE International Symposium on Sensorless Control for Electrical Drives (SLED), Catania, 2017, pp. 115-120
6. S. L. Arun, A. A. Raj and M. P. Selvan, "Demand response in smart buildings through time-varying priority of household appliances," 2017 IEEE Region 10 Symposium (TENSYMP), Cochin, 2017, pp. 1-5
7. B. Shitole, H. M. Suryawanshi, G. G. Talapur and S. Sathyan, "Performance improvement of grid interfaced three level diode clamped inverter under various power quality events," 2017 IEEE 26th International Symposium on Industrial Electronics (ISIE), Edinburgh, 2017, pp. 821-826x.
8. Sriram, P. R. Venkateswaran and S. P. Simon, "Prediction of induced draft fan power consumption in 500MW steam generators using artificial neural network," 2017 International Conference on Big Data Analytics and Computational Intelligence (ICBDAC), Chirala, 2017, pp. 67-72
9. Sriram, P. R. Venkateswaran and S. P. Simon, "Artificial neural network predictor for induced draft fan power consumption in thermal power plants," 2017 International Conference on Power and Embedded Drive Control (ICPEDC), Chennai, 2017, pp. 173-177.
10. Closed loop operation of DC-AC Dual buck full bridge inverter for grid connected operation of renewable energy sources"ESHM2017,NITTTR,Chandiarh India,2017
11. K. Thirumala, A. C. Umarikar and T. Jain, "DSP implementation of the empirical wavelet transform for measurement of power quality indices," 2017 7th International Conference on Power Systems (ICPS), Pune, 2017, pp. 665-670

12. S.P. Jayasri, N. Vyshnavi, S. Moorthi, "Wireless monitoring, control and automation in pulp and paper industry", IEEE- INDICON 2017, IIT Roorkee, INDIA, December 15 – 17, 2017
13. Karthikeyan, K. K. Prabhakaran and C. Nagamani, "Stator flux based MRAS speed and stator resistance estimator for sensorless PMSM drive," 2017 14th IEEE India Council International Conference (INDICON), Roorkee, 2017, pp. 1-6

National Conferences

1. P Padmagrisan, V Sankarnayanan, and A J Godfrey, Control of a solar powered single stage Induction Heating System, Thirty third National Convention of Electrical Engineers 2017 and National Seminar on "Hybrid AC/DC Power Systems for Effective Utilization of Renewable Energy" during 24-25 Nov. 2017 at NIT, Tiruchirappalli
2. R. Nitheesh, B. P. Kumar, M. Chakkarapani, G. S. Ilango and C. Nagamani, "Detection and quantification of degradation using time constant of PV voltage," *2017 National Power Electronics Conference (NPEC)*, Pune, 2017, pp. 90-95. doi: 10.1109/NPEC.2017.8310440
3. C M Jenisha, N Ammasai Gouden, D R Binu Ben Jose and Aiswarya Remesh; Power electronic converter with improved switching strategy for PV systems; Thirty third National Convention of Electrical Engineers 2017 and National Seminar on "Hybrid AC/DC Power Systems for Effective Utilization of Renewable Energy" during 24-25 Nov. 2017 at NIT, Tiruchirappalli
4. P Padmagrisan, V Sankarnayanan, and A J Godfrey, Design of a Solar Simulator using programmable power supply, Thirty third National Convention of Electrical Engineers 2017 and National Seminar on "Hybrid AC/DC Power Systems for Effective Utilization of Renewable Energy" during 24-25 Nov. 2017 at NIT, Tiruchirappalli
5. S. Mahajan, S. Senthilkumar, N. Kumaresan, N. G. A. Gounden and B. D. Varma, "Implementation of matrix converter for standalone power supplies employing induction generator system," *2017 National Power Electronics Conference (NPEC)*, Pune, 2017, pp. 227-233

2016

International Conferences

1. B. Ravi, S. Raval, V. R. R. Rudraraju and C. Nagamani, "Performance analysis of MVAC and MVDC offshore wind farm distribution system using direct load flow method", 2016 2nd International Conference on Advances in Electrical, Electronics, Information, Communication and Bio-Informatics (AEEICB), Chennai, Pages 341-346, 2016
2. Sathish Kumar.A, S.Sudha Design of Wireless Sensor Network based fuzzy logic controller for a Cold Storage System. Proceeding Of 7th Power India International Conference. Yet to be published, Computer Networks Bikaner, Rajasthan. 2016
3. D.Uma Maheswari, S.Sudha, Influence of Cluster Head Position in the Lifetime of Wireless Sensor Network. Proceedings of third IEEE Conference on Next Generation Computing Technologies, Yet to be published Wireless Networks Dehradun 2016.
4. K. Sundareswaran, V. Vigneshkumar, Sishaj P Simon and P. Srinivasa rao Nayak ; Gravitational search algorithm combined with P&O method for MPPT in PV systems; IEEE INDIA CONFERENCE (INDICON), Accepted for presentation on IISc Bangalore December 16-18, 2016
5. K. Sundareswaran, V. Vigneshkumar, Sishaj P Simon and P. Srinivasa rao Nayak; Cascaded Simulated Annealing/Perturb and Observe method for MPPT in PV systems; IEEE International Conference on Power Electronics, Drives and Energy Systems (PEDES), Accepted for presentation Trivandram, Kerala December 14-17, 2016
6. C. D. Gracia and S. Sudha, "A case study on memory efficient prediction models for web prefetching," 2016 International Conference on Emerging Trends in Engineering, Technology and Science (ICETETS), Pudukkottai, 2016, pp. 1-6.
7. R Hariharan, M Chakkarapani, GS Ilango ;Challenges in the detection of line-line faults in PV arrays due to partial shading, International Conference Energy Efficient Technologies for Sustainability (ICEETS), 2016
8. C Nallathambi, D Vishnu, GS Ilango, CK Aravind; Dual axis tracking of solar arrays using an auxiliary solar panel, IEEE Power Electronics, Intelligent Control and Energy Systems (ICPEICES),
9. Jawahar, M.R., Ajay Kumar, V., Moorthi, S. and Selvan, M.P., "FPGA based SHEPWM Switching Scheme for Single Phase Cascaded H-Bridge Multi-Level Inverter", IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems(ICPEICES-2016), 4-6 July 2016, Delhi Technological University, Delhi INDIA, pp.3257-3261
10. Rounak Meyur, Diptak Pal,N.A. Sundaravaradan,P. Rajaraman,K.V.V.S. Srinivas, M. Jaya Bharata Reddy and D.K.Mohanta, "A Wavelet-Adaptive Network Based Fuzzy Inference System for Location of Faults in Parallel Transmission Lines",IEEE International conference on power electronics, drives and energy systems (PEDES2016) 14-17 December 2016, Trivandrum, Kerala, India
11. Juhi Ajmera and V Sankarnarayanan, Point to point control of a Quadrotor: Theory and Experiment, IFAC-papersOnline (ScienceDirect), 2016, 49; 401-406
12. N.A.Sundaravaradan, Rounak Meyur, P. Rajaraman, B. Mallikarjuna, M. Jaya Bharata Reddy and D. K. Mohanta, "A Wavelet Based Novel Technique for Detection and Classification of Parallel

Transmission Line Faults" International conference on Signal Processing, Communication, Power and Embedded System (SCOPEs)-2016, Oct 3-5, 2016, Paralakhemundi, Odisha, India

13. Dharavath Kishan, P.S.Nayak, Wireless Power Transfer Technologies For Electric Vehicle Battery Charging- A State Of The Art SCOPEs- 2016. Centurion University , Odisha. 2016
14. K. Sundareswaran, K. A. Kumar, P. R. Venkateswaran, B. Naina, S. Sharan and S. Gopal, "Fuzzy based controller for solar photovoltaic powered butter extraction system," 2016 Biennial International Conference on Power and Energy Systems: Towards Sustainable Energy (PESTSE), Bangalore, 2016, pp. 1-5.
15. Sishaj P Simon, M. Senthil Kumar, K. Sundareswaran and C Christopher Columbus, Performance Analysis of Empirical Fourier Transform based Power Transformer Differential Protection, ICSEE 2016 Conference, Israel. Eilat, Israel 2016.
16. K. Vijayakumar and N. Kumaresan, "Experimental Investigation and Controller Development for Variable Speed Wind-driven DFIG" ", Proceedings of the Third International Conference on Engineering, Science, Business and Management 2016 (ICESBM 2016), 9th & 10th March 2016, Dubai, UAE.
17. B. Mallikarjuna, Rounak Meyur, Diptak Pal, M. Jaya Bharata Reddy and D.K.Mohanta, "An Adaptive Secure-Dependable Wide-Area Backup Protection Scheme for Transmission Lines Using Multi-Phasor Measurement Units",IEEE International conference on power electronics, drives and energy systems (PEDES2016) 14-17 December 2016, Trivandrum, Kerala, India
18. B. Mallikarjuna, P. Gopakumar, M. Jaya Bharata Reddy and D. K. Mohanta, "A Case Study on Optimal Phasor Measurement Unit Placement for Emerging Indian National Smart Grid ", International conference on Signal Processing, Communication, Power and Embedded System (SCOPEs)-2016, Oct 3-5, 2016, Paralakhemundi, Odisha, India
19. K.Kanimozhi, Deepak Pallath and M.VenkataKirthiga, Adaptive Reconfiguration and Islanding of Micro-grids based on Frequency Deviations, IEEE First International Conference on Power Electronics, Intelligent Control and Energy Systems Power Electronics, Intelligent Control and Energy Systems, DTU, New Delhi 2016
20. Avinash Bethalam and M.Venkata Kirthiga, FPGA Based Coordinated Controller for Hybrid Power Systems, IEEE First International Conference on Power Electronics, Intelligent Control and Energy Systems, Power Electronics, Intelligent Control and Energy Systems, DTU, New Delhi 2016.
21. C Nallathambi, D Vishnu, GS Ilango; Reference cell based dual axis solar tracking for large scale PV systems, , IET Digital Library
22. Venkata Hareesh, S., Raja, P. and Selvan, M.P., "Design and Implementation of a Robust Fault Detection Mechanism for EHV Lines", IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES-2016), 4-6 July 2016, Delhi Technological University, Delhi INDIA, pp.914-919
23. S.Mageshwari, "Multimodel Based Control of pH Neutralization Process" 66th Canadian Chemical engg conference, Canada 2016
24. ,MS Kasyap, A Karthikeyan, BV Perumal, C Nagamani, "DSC filter based unit vector estimator for reference generation and control of dynamic voltage restorer Power India International Conference (PIICON), 2016 IEEE

25. KK Prabhakaran, BV Perumal, A Karthikeyan, C Nagamani, "Speed loop pseudo derivative feedback controller based direct torque controlled permanent magnet synchronous motor drive", Power India International Conference (PIICON), 2016 IEEE, 1-5
26. S.Mageshwari, "RealTime Implementation of Multimodel ANFIS Controller in pH Neutralization Process" CHEMCON2016,ACTECH,Chennai,India,2016.

National Conferences

1. R Hariharan, M Chakkarapani, GS Ilango, C Nagamani, Degradation detection of PV arrays using extremum-seeking control based MPPT, Power Systems Conference (NPSC), 2016 National, 1-5
 2. C Nagamani, MAA Rani, GS Ilango, NP Kumar ; An implicit rotor speed computation algorithm for squirrel cage induction motor, National Power Systems Conference (NPSC), 2016, 1-6
- C Nagamani, GS Ilango, MAA Rani, A Prasanthini, Computation of rotor position of DFIM using Rotor side Phase Locked Loop, National Power Systems Conference (NPSC), 2016, 1-6

2015

International Conferences

1. S. K. Nagpal and S. Sudha, "Design and development of a sensor node to monitor and detect change in internal parameters of a cold storage system", 2015 Global Conference on Communication Technologies (GCCT), Thuckalay, Pages 745-748, 2015
2. S. K. Nagpal and S. Sudha, "Two-Level Fuzzy Based Fire Prediction Scheme Using Wireless Sensor Network ",2015 Second International Conference on Advances in Computing and Communication Engineering, pages 57-62, 2015
3. M. Meenalochani and S. Sudha, " Fuzzy based Estimation of Received Signal Strength in a Wireless Sensor Network", Third International Symposium on Women in Computing and Informatics (WCI '15), pages 624 – 628, 2015
4. K. A. Kumar, K. Sundareswaran, P. R. Venkateswaran, S. Palani and A. K. Jairath, "Implementation and testing of anti-islanding system in a 20kW solar PV power system in an industry", 2015 International Conference on Recent Developments in Control, Automation and Power Engineering (RDCAPE), Pages 167-171, 2015.
5. R. M. Brisilla, V. Sankaranarayanan and Joseph Godfrey A, "Extended state observer based sliding mode control of permanent magnet DC motor", Annual IEEE India Conference (INDICON), New Delhi, 2015, Pages 1-6, 2015
6. S. R. Sahoo, R. M. Brisilla and V. Sankaranarayanan, "Disturbance observer based adaptive sliding mode control: An application to single machine infinite bus power system", IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems (SPICES), Kozhikode, 2015, Pages 1-5, 2015

7. V. Sankaranarayanan and S. Ravichandran, "Torque sensorless control of a human-electric hybrid bicycle", International Conference on Industrial Instrumentation and Control (ICIC), Pune, 2015, Pages 806-810, 2015
8. J. Ajmera and V. Sankaranarayanan, "Trajectory tracking control of a quadrotor", International Conference on Control Communication & Computing India (ICCC), Trivandrum, 2015, Pages 48-53, 2015
9. J. Ajmera, Siddharthan PR, Ramaravind K.M., G. Vasam, N. Balaji and V. Sankaranarayanan, "Autonomous visual tracking and landing of a quadrotor on a moving platform", 2015 Third International Conference on Image Information Processing (ICIIP), Wagnaghat, Pages 342-347, 2015
10. K. Sundareswaran, K. A. Kumar, Venkateswaran PR and D. Sahu, "A real-time implementation of solar photovoltaic powered LED interior lighting systems," 2015 IEEE Power, Communication and Information Technology Conference (PCITC), Bhubaneswar, 2015, pp. 263-267.
11. K. A. Kumar, K. Sundareswaran, Venkateswaran PR, S. Palani and B. R. Naina, "Design, implementation and economic analysis of sustainable LED roadway lighting system in industrial environment," 2015 International Conference on Industrial Instrumentation and Control (ICIC), Pune, 2015, pp. 77-82.
12. Ramakrishna Kappagantu, S. Arul Daniel, Ankit Yadav, "Power Quality Analysis of Smart Grid Pilot Project, Puducherry, SMART GRID Technologies, August 6-8, 2015
13. Kappagantu, Ramakrishna & Daniel, S. Arul & Venkatesh, M.. (2015). Analysis of Rooftop Solar PV System Implementation Barrier in Puducherry Smart Grid Pilot Project. *Procedia Technology*. 21. 490-497. 10.1016/j.protcy.2015.10.033.
14. R. Karthigaivel, N. Kumaresan and M. Subbiah, "Performance predetermination of single-phase induction motors using Thevenin's, Norton's and Maximum power transfer theorems", International Conference on Computer Communication and Informatics (ICCCI), Coimbatore, Pages 1-5, 2015
15. R. Karthigaivel, N. Kumaresan and M. Subbiah, "classification and analysis of operating modes of three-phase semi-converters feeding battery charging loads using Phase Angle Control scheme - A monograph", International Conference on Computer Communication and Informatics (ICCCI), Coimbatore, Pages 1-6, 2015.
16. S. Behera, P. Raja and S. Moorthi, "Modelling and simulation of the impact of SVC on existing distance relay for transmission line protection", International Conference on Condition Assessment Techniques in Electrical Systems (CATCON), Bangalore, 2015, Pages 151-156, 2015
17. S. D. Kumar, P. Raja and S. Moorthi, "Self-adaptive differential relaying for power transformers using FPGA", International Conference on Condition Assessment Techniques in Electrical Systems (CATCON), Bangalore, 2015, Pages 121-126, 2015
18. S. V. Hareesh, P. Raja and M. P. Selvan, "An effective implementation of Phasor measurement unit (PMU) by using non-recursive DFT algorithm", International Conference on Condition Assessment Techniques in Electrical Systems (CATCON), Bangalore, Pages 195-199, 2015
19. K. Vijitha, M. P. Selvan and P. Raja, "Short circuit analysis and adaptive zonal protection of distribution system with distributed generators", 2015 International Conference on Energy, Power and Environment, Pages 1-6, 2015

20. N. K. Soumya and M. P. Selvan, "State estimation of observable and unobservable power systems", 2015 International Conference on Energy, Power and Environment: Towards Sustainable Growth (ICEPE), Pages 1-5, 2015
21. V. Mohan, J. G. Singh, W. Ongsakul and S. G. Nair, "Online benefit optimization in a liberalized/free microgrid market model", International Conference on Technological Advancements in Power and Energy (TAP Energy), 351-356, 2015
22. Thirumala, Karthik & Prasad, Maganuru & Jain, Trapti & Umarikar, Amod, "Tunable-Q Wavelet Transform Based Approach for Recognition of Power Quality Disturbances", IEEE International WIE Conference on Electrical and Computer Engineering, 2015
23. A. B. Shitole, H. M. Suryawanshi and S. Sathyan, "Comparative evaluation of synchronization techniques for grid interconnection of renewable energy sources", IECON 2015 - 41st Annual Conference of the IEEE Industrial Electronics Society, Pages 1436-1441, 2015
24. Karthikeyan, Dhayal Raj A & Josephine R L, "Effect of precursor concentration on the properties of lanthanum oxide nanostructures", Materials Today, Pages 4390-4394, Vol. 9, Iss. 2, 2015