

SSN COLLEGE OF ENGINEERING

DEPARTMENT OF EEE

LIST OF STUDENTS JOURNAL PUBLICATIONS – 2018

UG STUDENTS PUBLICATIONS

1. Dr. R. Ramaprabha(Asso.Prof./EEE), M. Bharath Reddy, G. Guru Naresh and M. Jagadeeshvar (III year UG students/EEE), (III year UG students/EEE), ‘Modelling and Simulation of Y-Source Inverter for Photovoltaic Interface’, International Journal of Pure and Applied Mathematics (IJPAM) (ISSN: 1311-8080 online ISSN: 1311-3395), Vol. 118, No. 24c, Special Issue, June 2018. Scopus Index 0.14.
2. Dr. R. Ramaprabha (ASSP/EEE), L. Deepak, R. R. HariPrasath and S. Dhilip (III year UG students/EEE), “Online Photovoltaic Curve Tracer using SEPIC DC-DC Converter”, International Journal of Pure and Applied Mathematics (IJPAM) (ISSN: 1311-8080 online ISSN: 1311-3395), Vol. 118, No. 24c, Special Issue, June 2018. Scopus Index 0.14.
3. Saradha Devi R, Mrudhulaa P. V, Priyadharshini K (IV Year EEE, B) Dr.R.Seyezhai, ASSP/EEE MrudulaVempati (IV Year EEE, B), “Development of Solar DC Home System using Modified Luo Converter”, International Journal of Engineering and Advanced Technology, Volume-8 Issue-1, October 2018.(scopus indexed)
4. SeerangaNandhini.S, Dr.R.Seyezhai,Sowmya.V (passed out UG Batch 2018), Ms.D.Umarani, “Design and Implementation of Micro-inverter for Photovoltaic Application”, International Journal of Pure and Applied Mathematics, Vol. 118, no. 24 2018, ISSN: 1314-3395.This work was carried out with the students internally funded project.
5. ShriSoundharya J, SowmiyaA,Subhitcha R(passed out UG Students, 2018), Dr. R. Seyezhai, “Performance Evaluation of Interleaved Boost Converter Topologies for Photovoltaic Applications”, International Journal of Pure and Applied Mathematics, Vol. 118, no. 24, 2018, ISSN: 1314-3395.
6. Dr.R.Seyezhai,ASSP/EEE, &SeerangaNandhini.S, Sowmya.V(IVYr.B.E., passed out student, 2018 batch) &Ms.D.Umarani, AP/EEE, “Design and Implementation of Micro-inverter for Photovoltaic Application”, International Journal of Pure and Applied Mathematics,Vol.118, No.24,2018, ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version), (SCOPUS INDEXED).

7. Prasanth K, Ragul S, Uthamaputhiran V, Dr. Devesh Raj M, ASSP/EEE, 'PSO based Optimal Tuning of Load Frequency Controller for Macrogrid', International Journal Of Science And Innovative Engineering & Technology (IJSIET), Vol. 3, May, 2018 ISBN No: 978-81-923607-3-7.
8. Leo Raju, Milton R S, Antony AmalrajMorais, "Advanced Energy Management of Micro-grid using Arduino and Multi-Agent System", Intelligent and Efficient Electrical Systems, 446, 65-76.(ISSN-1876-1100)(Springer book series)(Scopus Indexed)2018.
9. Leo Raju, SajnaGokul, Prithika rani, NidhiJagan, " Iot based Real Time Energy Management of A Micro-Grid UsingArduino and Multi Agent System", International Journal of Pure and Applied Mathematics, 118, 10, 83-90. ISSN: 1311-8080, (SJR Impact Factor:0.14).(Scopus Indexed 2018)
10. Leo Raju, ,RamyaRathnakumar, Soundaryaa P, " Multi Agent Systems based Autonomous Transactive EnergyManagement of Micro-Grids", International Journal of Pure and Applied Mathematics, 118, 10, 91-98. ISSN: 1311-8080, (SJR Impact Factor: 0.14). (Scopus Indexed2018)
11. Leo Raju, SajnaGokul, Prithika rani, "IOT based Advanced EnergyManagement of Micro-grids",International Journal of Pure and Applied Mathematics, 120, 6, 1443-1553, 2018. ISSN: 1311-8080, (SJR Impact Factor: 0.14). (Scopus Indexed)

PG STUDENTS PUBLICATIONS

1. A. ArrulDhanaMathy (passed out M.E. Student) and R. Ramaprabha (ASSP/EEE), 'Design of Auxiliary Resonant Boost Converter for Flywheel based Photovoltaic Fed Microgrid', Indian Journal of Science and Technology (IJST) (ISSN-Print: 0974-6846; ISSN - Online: 0974-5645), Vol. 11, No. 23, June 2018. (DOI: 10.17485/ijst/2018/v11i23/109686) .
2. Dr.R.Seyezhai,ASSP/EEE, &Ms.A.D.MinuAishwarya (II Yr.M.E., PED passed out student, 2018 batch), 'Investigation of Modulation Strategies for Cascaded Multilevel Inverter', International Journal of Pure and Applied Mathematics,Vol.118, No.24,2018, pp.1-18, ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version), (SCOPUS INDEXED)

3. Dr.R.Seyezhai,ASSP/EEE, &Ms.A.N.Niruba (II Yr.M.E., PED passed out student) “Design and Development of High Voltage Power Converter for X-ray Power Generators”, International Journal of Pure and Applied Mathematics,Vol.118, No.24,2018, ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version), (SCOPUS INDEXED)
4. S.Devi, II Year M.E. (PED),Dr.R.Seyezhai, “Simulation and Analysis of Modulation Strategies for PV Based T-Type Inverter”, International Journal of Pure and Applied Mathematics, Vol. 118, no. 24, 2018. ISSN: 1314-3395.This work was carried out with the students internally funded project.
5. Saranya(Full Time Research Scholar), Venkatasubramanian(PG Student), Balaji.M, ASSP/EEE, "Effect of Modified Pole Shapes on the Performance of Hybrid Switched Reluctance Motor" Journal of Electrical Engineering, Vol.18, No.3, pp.1-6 , 2018.