

List of Publications

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ELECTRICAL AND ELECTRONICS ENGINEERING

KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION

KRISHNANKOIL – 626126

1. NishaVasudevan, VasudevanVenkatraman, Ramkumar A and Androse Joseph Sheela, “Real-Time Day Ahead Energy Management for Smart Home Using Machine Learning Algorithm”, Journal of Intelligent and Fuzzy Systems, IOS Press. (Accepted)
2. Ramkumar , K. Karthi , K. Rajesh, “Review of Coordinated Control Strategy for Hybrid Type Wind Farms Under Network Faults” International Journal of Advanced Science and Technology Vol. 29, No.4, pp. 4143 – 4152, 2020.
3. RamkumarAdhi, Rajesh Krishnasamy, M. Nitish, S. Yashwant Kumar, D. Edwin Deva Asirvatham, BoomaJeyabalan, “Improving the Performance of Agriculture Irrigation System using Arduino”, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4S2, 2019.
4. Nisha.V, V.Vasudevan, A.Ramkumar, “Examination of The Impact of Smart Grid Technologies For Energy Saving Potential on Residential Buildings In India”, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-2S2, 2019.
5. Sreekala P, A Ramkumar ,K.Rajesh, “Performance Analysis of Thermo Electric Generator using MATLAB”, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4S2, 2019.
6. G.Esakkimuthu, Rajesh Krishnasamy, RamkumarAathi, “Hybrid System Analysis using Solar and Wind Power”, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4S2, 2019.
7. Nisha.V, V.Vasudevan, A.Ramkumar, “Modeling and Simulation of a Control Algorithm for Home Energy Management System”, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4S2, 2019.
8. G.Esakkimuthu, Rajesh Krishnasamy, RamkumarAathi, “Partial Shading Conditions of Solar Photovoltaic System”, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4S2, 2019.
9. Rajesh Krishnasamy, RamkumarAathi, BoomaJayapalan, K.Karthikeyen , Mohamed Nowfal, “Automatic Fuel Monitoring System”, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4S2, 2019.
10. Kshatriya Vamshi Krishna Varma, A. Ramkumar, “ A Novel M-SEPIC DC-DC Converter for BLDC Pumping System with Active PFC using ANFIS Controller”, Indonesian Journal of Electrical Engineering and Computer Science Vol. 11, No. 1, 2018, pp. 386~399 ISSN: 2502-4752, DOI: 10.11591/ijeecs.v11.i1.pp386-399.
11. P. Sreekala, A. Ramkumar, “Performance Analysis Of Thermo Electric Generator With Different Controllers”, International Journal of Current Engineering And Scientific Research, ISSN (PRINT): 2393-8374, (ONLINE): 2394-0697, VOLUME-4, ISSUE-11, 2017.
12. Ramkumar, P. Sreekala, “Modelling and Simulation of a Line Integrated Parabolic Trough Collector with Inbuilt Thermoelectric Generator”, International Journal of Control Theory and Applications, Vol. 10(5), 2017, pp. 589-597.

13. Kshatriya Vamshi Krishna Varma, KalahastiSirisha, and A. Ram Kumar, "A New Switching Pattern Scheme-Based Compact Integrated 15-Level Smart Inverter for Micro-grid System Using Fuzzy Logic Controller", Lecture Notes in Electrical Engineering 435, https://doi.org/10.1007/978-981-10-4286-7_23.
14. Ramkumar, S. Durairaj and N. Arun, "Comparison of PI and PIR Regulators for DFIG during Unbalanced Grid Voltage Conditions," Lecture Notes in Electrical Engineering (SPRINGER), 326, DOI 10.1007/978-81-322-2119-7_38, pp. 373-381, 2015.
15. A. Ramkumar, S. Durairaj and K. Dhivya, "Enhanced Controllers of DFIG with Unbalanced and Distorted Grid Voltage Conditions," Lecture Notes in Electrical Engineering (SPRINGER), 326, DOI 10.1007/978-81-322-2119-7_32, pp. 313-319, 2015.