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LIST OF PUBLICATIONS

1. A.Sheela,A.Madhumitha, Dr.S.Vijayachitra,” Comparison of extrapolation techniques for active and reactive power prediction in grid connected inverter” International Journal of Computer Informatics & Technological Engineering,volume 2 issue 1, January 2015.
2. A.Sheela, T.Saranya, Dr.S.Vijayachitra “Dual Vector Control For Grid Interactive Converters In Smart grid Under Unbalanced Conditions” International Journal of Engineering Research & Management Technology,volume 2 issue 1, January 2015.
3. A.Sheela,D.Revasthi,Dr.S.Vijayachitra “H-Infinity Controller for Frequency and Voltage Regulation in Grid-Connected and Islanded Microgrid” IEEJ Transactions on Electrical And Electronic Engineering, Volume 10, Issue 5,September 2015,ISSN: 1931-4981,PP-503-511(**SCIE INDEXED**)
4. A.Sheela, Alamel Mangai.M “A novel algorithm for optimal transfer of power in hybrid power generation units” Journal of Electrical and power system Engineering, Volume 2, Issue 1, March 2016.
5. A. Sheela , V. Agnes Idhaya Selvi “Compensation of Voltage Sag, Swell and Electrical Noise Using Distributed Generation Dynamic Voltage Restorer”Journal of controllers and converters,Volume 1 issue 1, May 2016, pp:1-13
6. A.Sheela,M.Sowmya “Flexible position of Renewable Energy generation in a distributed network” Journal of electrical and power system Engineering, Volume 2, Issue 3, November 2016.
7. A.Sheela, M.Sowmya , Flexible Positioning Of Distributed Generation In Power System Network Using Probabilistic Index Considering Uncertainties In Power Generation “International Journal on printing, packaging and allied sciences” Volume 4, issue 4 December 2016

8. Dr. A. Sheela, Mohamed Althaff Hussain, , P.Vijaya Kumar, N. Karnan,” Solar Panel Dust Removing System” Journal of Renewable Energy and Resources, Volume 2, Issue 3,PP1-5, October 2017

9. Dr. A. Sheela, M. Abinayasree, S. Abinesh, T. Dineshkumar,” Automatic Control of Electrical Appliances in Domestic Building”, Volume 1, Issue 1,PP1-9, October 2017

10. Dr. A. Sheela A.S.Naveen kumar, Niret Joshi “ Bluetooth Based Optical System for E-Measurement (Bose)”, Journal of Instrumentation and Innovation Sciences, Volume 4,Issue 1 ,April 2019

11. A.Sheela, Ms.K.Kavinmullai , N.Bhuvanesh , S.Karthikeyan , N.Mohamed salmaan ”Smart Cultivation”. Journals of Advancement in Mechanics Volume 4 Issue 1,April 2019

12. A.Sheela,S.Revathi,S.Ragul, “Strategy for Flawless Transfer of Islanded and Grid Connected Modes with Modifed Droop Controller” International Journal of Innovative Technology and Exploring Engineering (IJITEE)ISSN: 2278-3075, Volume-8 Issue-11, pp 1123-1133,September2019. **(SCOPUS INDEXED)**

13. R.Sagayaraj, A.Sheela, U.Saravanakumar “Automated Anesthesia Injector forPatient Monitoring System using Unified Technology Learning Platform” International Journal of Innovative Technology and Exploring Engineering (IJITEE)ISSN: 2278-3075,Volume-8 Issue-12, pp 3692-3696, October 2019**(SCOPUS INDEXED)**

14. Dr.A.Sheela,MohammedArafath.A,Sripooja.J.K,ManojKiran.S,Gowtham.K.R,Vaishnavi.P “Design Of Solar Panel For Improving The Performance And For Reducing Energy Cost” International Journal Of Scientific & Technology Research , Volume 8, Issue 12, December 2019**(SCOPUS INDEXED)**

15. Dr.A.Sheela, Athsya .M "Design of permanent magnet synchronous motor for electric vehicle application using finite element analysis ",International Journal Of Scientific & Technology Research , April 2020**(SCOPUS INDEXED)**

16. Sheela, A., Suresh, M., Shankar, V.G., Sadasivuni, K.K., Dharaskar, S "FEA based analysis and design of PMSM for electric vehicle applications using magnet software "International Journal of Ambient Energy,2020**(SCOPUS INDEXED)**

17. S.Prathiba, A.Sheela, S.Revathi, "Design and Development of Portable Stand-Alone Solar Power Generator"Journal of Green Engineering (JGE) Volume-10, Issue-6, June 2020**(SCOPUS INDEXED)**