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Area of Specialization: Power Systems

Publications of Last Five Years:

1. 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.
2. 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.04, issue 1, May 2016 pp:1-13.
3. 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.
4. 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.
5. 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
6. Dr. A. Sheela, M. Abinayasree, S. Abinesh, T. Dineshkumar, “Automatic Control of Electrical Appliances in Domestic Building” International Journal of Research for Applied Electrical Engineering, Volume 1, Issue 1, PP1-9, October 2017
7. 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
8. 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
9. A.Sheela,S.Revathi,S.Ragul, “Strategy for Flawless Transfer of Islanded and Grid Connected Modes with Modified Droop Controller” nternational Journal of Innovative

Technology and Exploring Engineering (IJITEE)ISSN: 2278-3075, Volume-8 Issue-11, pp 1123-1133,September2019

- 10.R.Sagayaraj, A.Sheela, U.Saravanakumar “AutomatedAnesthesia 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
- 11.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
- 12.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.
13. 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