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3. .A.Sheela, M.Sowmya, V.Gowri Shankar, "Optimal placement and sizing of renewable energy generation considering uncertainties using intelligent water drops algorithm" International conference on innovations in information, embedded and Communication systems, Karpagam college of Engineering, Volume III, 17-18, March2017. **(SCOPUS INDEXED)**
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5. Dr.A.Sheela,Sivankumar N , Agnes Idhaya Selvi V, Karuppasamypandiyan M "IoT Based Power Management and Condition Monitoring in Microgrid", International Conference on Computational Vision and Bio Inspired Computing, RVS college,Coimbatore ,29-30 November 2018. **(SCOPUS INDEXED)**
6. A.Sheela, N.Bhuvanesh , S.Karthikeyan , N.Mohamed salmaan "Smart Cultivation". National conference on innovation in electrical power and energy systems, M.Kuamrasamy College of Engineering, Karur, On 08th March 2019
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11. Nisha .V Vasudevan, Ramkumar.A, Sheela.A, “Real-Time Day Ahead Energy Management for Smart Home Using Machine learning algorithm, Intelligent Techniques for Networked Systems/Security/Recommender systems, VIT, October 14th 2020.

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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” IEEE Transactions on Electrical And Electronic Engineering, Volume 10, Issue 5, September 2015, ISSN: 1931-4981, PP-503-511 (SCIE INDEXED)
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12. A.Sheela, S.Revathi, S.Ragul, “Strategy for Flawless Transfer of Islanded and Grid Connected Modes with Modified Droop Controller” International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-11, pp 1123-1133, September 2019. **(SCOPUS INDEXED)**
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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)**
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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)**