

LIST OF CONFERENCE PUBLICATIONS

Sr. No.	Details of Paper	Year
1.	P. Gujarathi, V. A. Shah, and M. Lokhande, "Performance analysis of converted parallel plug-in hybrid electric vehicle," in Proc. of <i>IEEE 8th Control and System Graduate Research Colloquium (ICSGRC)</i> , 2017 pp. 191-196.	2017
2.	P. Gujarathi, V. A. Shah, and M. Lokhande, "Fuzzy logic based energy management strategy for converted parallel plug-in hybrid electric vehicle," in Proc. of <i>IEEE 8th Control and System Graduate Research Colloquium (ICSGRC)</i> , 2017, pp. 185-190.	2017
3.	P. Gujarathi, V. A. Shah, and M. Lokhande, "A seven switch all in one power electronic topology for converted plug-in hybrid electric vehicle," in Proc. of <i>IEEE International Conference on Smart Technologies and Management for Computing, Communication, Controls, Energy and Materials (ICSTM)</i> , 2017, pp. 477-483.	2017
4.	V. V. Shimin, V. A. Shah, and M. M. Lokhande, "Advanced Material Selection for Semiconductor Switching Devices in Electric Vehicles Using PROMETHEE Method," in Proc. of <i>IEEE Vehicle Power and Propulsion Conference (VPPC)</i> , 2016, pp. 1-6.	2017
5.	A. Kachhwaha, V. A. Shah, and V. V. Shimin, "Integration methodology of ultracapacitor-battery based hybrid energy storage system for electrical vehicle power management," in Proc. of <i>IEEE 7th Power India International Conference (PIICON)</i> , 2016, pp. 1-6.	2016
6.	V. V. Shimin, V. A. Shah, and M. M. Lokhande, "Electric vehicle batteries: A selection based on PROMETHEE method," in Proc. of <i>IEEE 7th Power India International Conference (PIICON)</i> , 2016, pp. 1-6.	2016
7.	C. P. Gor and M. P. Gor, "Electric Vehicle Drive Selection related Issues," in Proc. of <i>International Conference on Signal Processing, Communication, Power and Embedded System (SCOPES)</i> , 2016, p. 4.	2016
8.	N. R. Patel, V. A. Shah, and M. M. Lokhande, "Design and performance analysis of radial flux C-core switched reluctance motor for in-wheel electrical vehicle application," in Proc. of <i>IEEE Conference on Transportation Electrification and Expo (ITEC)</i> , 2016, pp. 1-6.	2016
9.	R. H. Hirpara and S. N. Sharma, "A hybrid non-linear filter for an unmanned aerial	2016

vehicle (UAV) dynamics," in *Proc. of 20th International Conference on System Theory, Control and Computing (ICSTCC)*, 2016, pp. 800-805.

10. S. N. Sharma and B. G. Gawalwad, "Wiener meets Kolmogorov," in *Proc. of IEEE Conference on Norbert Wiener in the 21st Century (21CW)*, 2016, pp. 1-6.

11. P. Patel and M. A. Mulla, "Space vector modulated three-phase to three-phase direct matrix converter," in *Proc. of IEEE 16th International Conference on Environment and Electrical Engineering (EEEIC)*, 2016, pp. 1-6.

12. P. L. Kamani and M. A. Mulla, "A new multilevel inverter topology with reduced device count and blocking voltage," in *Proc. of IEEE 16th International Conference on Environment and Electrical Engineering (EEEIC)*, 2016, pp. 1-6.

13. P. L. Kamani and M. A. Mulla, "A new multilevel inverter with reduced component count and reduced voltage stress," in *Proc. of IEEE Students' Conference on Electrical, Electronics and Computer Science (SCEECS)*, 2016, pp. 1-7.

14. M. Das, A. Kulkarni, and P. Darji, "Comparison of DQ and Dynamic Phasor based frequency scanning analysis of grid-connected Power Electronic Systems," in *Proc. of IEEE Power Systems Computation Conference (PSCC)*, 2016, pp. 1-7.

15. S. A. Dahat, A. Chowdhury, P. Kundu, and G. S. K. Viranchi, "Mitigation of voltage fluctuation in the transmission line by using SEN transformer," in *Proc. of IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES)*, 2016, pp. 1-6.

16. M. Dixit, P. Kundu, and H. R. Jariwala, "Optimal placement of PV array in distribution system for power loss minimization considering feeder reconfiguration," in *Proc. of IEEE 16th International Conference on Environment and Electrical Engineering (EEEIC)*, 2016, pp. 1-6.

17. M. Dixit, P. Kundu, and H. R. Jariwala, "Optimal allocation and sizing of shunt capacitor in distribution system for power loss minimization," in *Proc. of IEEE Students' Conference on Electrical, Electronics and Computer Science (SCEECS)*, 2016, pp. 1

18. M. Dixit, P. Kundu, and H. R. Jariwala, "Optimal placement and sizing of DG in Distribution system using Artificial Bee Colony Algorithm," in *Proc. of IEEE 6th International Conference on Power Systems (ICPS)*, 2016,

19. S. K. Patel, S. R. Arya, and R. Maurya, "Harmonic mitigation technique for DSTATCOM using continuous time LMS adaptive filter," in *Proc. of IEEE Uttar Pradesh Section International Conference on Electrical, Computer and Electronics*

20. R. Maurya, S. R. Arya, and A. P. Raj, "Experimental evaluation of interleaved DC-DC Converter for PV applications," in Proc. of *IEEE 7th Power India International Conference (PIICON), 2016*, 2016
21. J. Bangarraju, V. Rajagopal, V. Nagamalleswari, S. R. Arya, and B. Subhash, "Control of DVR using SPLL strategy in distribution system," in Proc. of *IEEE 7th Power India International Conference (PIICON), 2016*, 2016
22. P. Doley, S. K. Patel, S. R. Arya, and U. K. Kalla, "Control algorithm based on amplitude adaptive filter for DSTATCOM," in Proc. of *IEEE 7th Power India International Conference (PIICON), 2016*, 2016
23. A. Patel, S. R. Arya, and A. Jain, "Variable step learning based control algorithm for power quality in PMSG based power generation system," in Proc. of *IEEE 7th Power India International Conference (PIICON), 2016*, 2016
24. A. Patel and S. R. Arya, "Distributed power generation system using PMSG with power quality features," in Proc. of *International Conference on Next Generation Intelligent Systems (ICNGIS), 2016*, 2016
25. V. E. Puranik, S. R. Arya, and A. Jain, "Comparative study of compensation techniques of DVR with composite observer," in Proc. of *Biennial International Conference on Power and Energy Systems: Towards Sustainable Energy (PESTSE), 2016*, 2016
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27. K. Mistry, "MSFL based determination of optimal size and location of distributed generation in radial distribution system," in Proc. of *International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT), 2016, pp. 530-535*, 2016
28. K. L. Mokariya, V. Shah, and M. Lokhande, "Bidirectional hybrid controller for V2G (Vehicle to grid) operation on Indian distribution grid," in Proc. of *IEEE International on Transportation Electrification Conference (ITEC), 2015*, 2015
29. V. V. Shimin, V. Shah, and M. Lokhande, "The State of the Art of Role of Power Electronics in Electric Vehicles," *SAE Technical Paper*, 2015, 2015
30. J. Chavda, V. Shah, M. Lokhande, and R. Shankar, "Laboratory Hardware Implementation of BLDC Controller for Electric Vehicles," *SAE Technical Paper* 2015, 2015
31. J. K. Chavda and V. Shah, "Accurate battery model with temperature variation for EVs, HEVs and PHEVs," *SAE Technical Paper* 2015, 2015

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32. K. L. Mokariya, V. Shah, and M. Lokhande, "Bidirectional hybrid controller for V2G/G2V operation on distribution grid," in *Proc. of IEEE International on Transportation Electrification Conference (ITEC), 2015*, pp. 1-9. 2015
33. P. K. Gujarathi, V. A. Shah, and M. M. Lokhande, "Design, Modeling, Simulation and Analysis for Conversion of Conventional Tata Indica Car into Plug in Hybrid Electric Vehicle," in *Proc. of 28th International Electric Vehicle Symposium and Exhibition (EVS28), KINTEX, Korea, 2015*. 2015
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