

PUBLICATION DETAILS OF PROPOSED DC MEMBERS

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Journal Publications:

1. C. Keerthana, M. Sundaram(2020). " State of Art of Control Techniques adopted for Torque Ripple Minimization in Switched Reluctance Motor Drives", IEEE, 10.1109/ICOEI48184.2020.9143012.
2. Anand M, Vinod B and Sundaram M (2018), "Impact of steel metallurgical composition confined to the energy conservation for effective groundwater harvesting in agricultural applications ", Ecology, Environment and Conservation Paper, Vol. 24, Issue 1, pp. 360-364.
3. Sundaram M, Anand M and Vinod B (2016), "Groundwater harvesting technologies and its impact on environmental energy conservation", Ecology, Environment and Conservation Paper, Vol. 22, Issue 4, pp. 2077-2080.
4. Sundaram M, Anand M, Vinod B and Mounya N (2016), "Design and Development of 5-HP BLDC Motor for Submersible Application", Asian Journal of Research in Social Sciences and Humanities, Vol. 6, Issue 12, pp. 483-496.
5. Anand M, Vinod B and Sundaram M (2016), "Optimization of BLDC Motor for Submersible Motor Pump-sets Application", Asian Journal of Research in Social Sciences and Humanities, Vol. 6, Issue 12, pp. 458-470.
6. Chelladurai J, Vinod B, Bogaraj T, Kanakaraj J and Sundaram M (2015), "Scalar controlled boost PWM rectifier for micro wind energy systems", Research Journal of Applied Sciences, Engineering and Technology, Vol. 10, Issue 1, pp. 35-44.
7. Sundaram M, Navaneethan P and Dineshkumar T (2014), "Design and Development of Energy Efficient Submersible Switched Reluctance Motor", Journal of Engineering & Technology, Vol. 4, Issue 1, pp. 70-77.
8. Joe Brislin J, Chelladurai J, Vinod B and Sundaram M (2014), "Modulation strategies for three phase inverters supplying unbalanced three phase loads", International Journal of Innovative Research in Science, Engineering and Technology, Vol. 3, Special Issue 3.
9. Sundaram M and Navaneethan P (2011), "On the Influence of Stator Slot shape on the Energy Conservation Associated with the Submersible Induction Motors", American Journal of Applied Sciences, Vol. 8, Issue 4, pp. 393-399.

Conference Publications:

1. Sharma S, Shalab S, Mithilesh S, Sundaram M and Jishnu T (2019), "Novel utilization of machine vision technology in a pattern matching operation and blob analysis using an image processing inspector for automation and robotics applications", International Conference on Automatic Control, Mechatronics and Industrial Engineering (ACMIE 2018), 29-31 October 2018, China, ISBN 978-1-138-60427-8, pp. 17-22.
2. Sundaram M, Prabhakaran S, Jishnu T and Sharma S (2019), "Design and Analysis of an autonomous cleaning robot for large scale solar PV farms", International Conference on Automatic Control, Mechatronics and Industrial Engineering (ACMIE 2018), 29-31 October 2018, China, ISBN 978-1-138-60427-8, pp. 265-272.
3. Sundaram M, Mohanraj M, Varunraj P, Dinesh Kumar T and Shubham Sharma (2019), "FEA based electromagnetic analysis of induction motor rotor bars with improved starting torque for traction applications", International Conference on Automatic Control, Mechatronics and Industrial Engineering (ACMIE 2018), 29-31 October 2018, China, ISBN 978-1-138-60427-8, pp.103-110.
4. Sundaram M, Mohanraj M, Joe Brislin J and Varunraj P (2019), "Certain Investigations of Lamination Materials and Rotor Slot Area of Induction Motor with Improved Performance", IEEE International Conference on Power Electronics, Drives and Energy Systems (PEDES), 18-21 December 2018, Indexed in IEEE Explorer, DOI: 10.1109/PEDES.2018.8707536.
5. Dineshkumar T, Mathankumar M and Sundaram M (2017), "High efficient single stage single phase boost inverter with minimized harmonic distortion", First International Conference on Sustainable Green Buildings and Communities (SGBC), 18-20 December 2016, Indexed in IEEE Explorer, DOI: 10.1109/SGBC.2016.7936077.
6. Sooraj A, Sundaram M and Murali Jami (2013), "Influence of current entry on AC bus and current exit on DC bus on the current imbalance of paralleled diodes of three phase rectifier", Annual International Conference on Emerging Research Areas and International Conference on Microelectronics, Communications and Renewable Energy, 4-6 June 2013, Indexed in IEEE Explorer, DOI : 10.1109/AICERA-ICMiCR.2013.6576002.
7. Sundaram M, Navaneethan P and Vasanthakumar M (2009), "Magnetic analysis and comparison of Switched Reluctance Motors with different stator pole shapes using a 3D finite element method", International Conference on Control, Automation, Communication and Energy Conservation, 4-6 June 2009, Indexed in IEEE Explorer.