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LIST OF JOURNALS

1. P Kannan, **S Arockia Edwin Xavier**, “A Comparison of the Performance Indices of Embedded EZ-Source Inverter Using Different PWM Techniques”, Wireless Personal Communications, Pages 1-14, 2020.
2. Srinivasa Sudharsan G, **S Arockia Edwin Xavier**, VR Raghunathan, “Fatigue load mitigation in wind turbine using a novel anticipatory predictive control strategy.”, Journal J. Systems & Control Engineering, Volume 234, Issue 1, 2020.
3. **S.Arockia edwin xavier** and Srinivasa sudharsan Govindan, “Optimized dielectric barrier discharge-plasma actuator for active flow control in wind turbine”, structural control and health monitoring, Volume 26, Issue 2, Pages 100-109, 2019.
4. A.Thangaraj and **S. Arockia Edwin Xavier**, “A Robust Dynamic Controller Design of Synchronous Buck Converter For Extreme Loaded condition”, Journal of Electrical engineering, Volume 19, Issue 4, Pages 174-183, 2019.
5. M Pandi Maharajan, **S Arockia Edwin Xavier**, “Design of Speed Control and Reduction of Torque Ripple Factor in BLdc Motor Using Spider Based Controller”, IEEE Transactions on Power Electronics, Volume 34, Issue 8, Pages 7826-7837, 2019.
6. **S. Arockia Edwin Xavier**, R.Hannah, Lalitha, “Multi-objective Approach for Optimal Protection of Micro-Grids with Grid Connected and Islanded Capabilty”, Journal of Electrical engineering, Volume 3, Issue 9, Pages 539-549, 2019.
7. **S.Arockia Edwin Xavier**, P Kannan, “Harmonic Analysis Of Embedded Enhanced Boost Z-source Inverter”, IRE journal, Volume 2, Issue 11, Pages 66-72, 2019.
8. srinivasa sudharsan Govindan and **S.Arockia edwin Xavier**, “Dielectric Barrier Discharge (Dbd) based Plasma Activation In horizontal axis wind turbine Using Model

Predictive Control Logic for improved performance”, journal of electrical engineering, Volume 18, Issue 2, Pages 288-298, 2018.

9. Nandhana, VM, **S Arockia Edwin Xavier**, Intelligent Control of Photovoltaic System Using Fuzzy Logic for MPPT, International Journal of Scientific Research in Science and Technology, Volume 3, Issue 5, Pages 78-82, 2017.
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11. P Thirumurugan, **S Xavier**, “FPGA based New Model Multi-level Inverter”, Asian Journal of Research in Social Sciences and Humanities, Volume 7, Issue 2, Pages 585-595, 2017.
12. A Thangaraj, **S Arockia Edwin Xavier**, “A comparative study of Dc-Dc coverter with dynamic evolution control”, Advances in Natural and Applied Sciences, Volume10, Issue 6E, Pages 220-227, 2016.
13. P Thirumurugan, D Vinothin, **S Arockia Edwin Xavier**, “New model multilevel inverter using Nearest Level Control Technique”, International Journal of Modern Trends in Engineering and Research (IJMTER), Volume 3, Issue 02, 2016.
14. SAEXG Santhosh Kumar, **S Arockia Edwin Xavier**, “Brushless dc motor speed control using microcontroller”, International Journal Of Current Engineering And Scientific Research (IJCESR), Volume 2, Pages 183-188, 2015.