

**Members from other University/Institutions**  
**Member - 5**

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**List of Publications**

1. Muralikumar, Kola, and P. Ponnambalam. "Analysis of Cascaded Multilevel Inverter with a Reduced Number of Switches for Reduction of Total Harmonic Distortion." IETE Journal of Research (2020): 1-14.
2. Kumar, M. Praveen, M. Manimozhi, P. Ponnambalam, and G. Gokulakrishnan. "A Novel PID Controller Designed via Polynomial Approach for Stable/Unstable Second-Order Process with Time Delay." In Soft Computing for Problem Solving, pp. 81-92. Springer, Singapore, 2019.
3. Viswanath, Y., K. Muralikumar, P. Ponnambalam, and M. Praveen Kumar. "Symmetrical cascaded switched-diode multilevel inverter with fuzzy controller." In Soft computing for problem solving, pp. 121-137. Springer, Singapore, 2019.
4. Babu, Challa, and P. Ponnambalam. "The theoretical performance evaluation of hybrid PV-TEG system." Energy conversion and management 173 (2018): 450-460.
5. Priya, Murthy, P. Ponnambalam, and Kola Muralikumar. "Modular-multilevel converter topologies and applications—a review." IET Power Electronics 12, no. 2 (2018): 170-183.
6. Babu, Challa, and P. Ponnambalam. "The role of thermoelectric generators in the hybrid PV/T systems: A review." Energy conversion and management 151 (2017): 368-385.
7. Velamuri, Suresh, S. Sreejith, and P. Ponnambalam. "Static economic dispatch incorporating wind farm using flower pollination algorithm." Perspectives in Science 8 (2016): 260-262.