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## **Publications List of Dr. C.K. Sundarabalan**

### **International Publication:**

1. Ramkiran, B., **C. K. Sundarabalan**, and K. Sudhakar. "Performance evaluation of solar PV module with filters in an outdoor environment." *Case Studies in Thermal Engineering* 21 (2020): 100700.
2. Srinivasarangan Rangarajan, Shriram, Jayant Sharma, and **C. K. Sundarabalan**. "Novel Exertion of Intelligent Static Compensator Based Smart Inverters for Ancillary Services in a Distribution Utility Network-Review." *Electronics* 9, no. 4 (2020): 662.
3. **Sundarabalan, Chinnayan Karuppaiyah**, Yeseswini Puttagunta, and Vedhamoorthy Vignesh. "Fuel cell integrated unified power quality conditioner for voltage and current reparation in four-wire distribution grid." *IET Smart Grid* 2, no. 1 (2019): 60-68.
4. **Sundarabalan, C. K.**, Namala Tejasree, R. Vishnu Shankar, Yeseswini Puttagunta, and V. Vignesh. "Compressed air energy storage powered dynamic voltage restorer for voltage compensation in three-phase distribution system." *Sustainable Cities and Society* 46 (2019): 101420.
5. Sitharthan, R., **C. K. Sundarabalan**, K. R. Devabalaji, T. Yuvaraj, and A. Mohamed Imran. "Automated power management strategy for wind power generation system using pitch angle controller." *Measurement and Control* 52, no. 3-4 (2019): 169-182.
6. Sitharthan, R., **C. K. Sundarabalan**, K. R. Devabalaji, Sathees Kumar Nataraj, and M. Karthikeyan. "Improved fault ride through capability of DFIG-wind turbines using customized dynamic voltage restorer." *Sustainable cities and society* 39 (2018): 114-125.
7. Sharmila, M., **C. K. Sundarabalan**, and K. Selvi. "Power quality disturbances classification using data mining technique." *International Journal of Research in Science & Engineering* 3, no. 3 (2017): 77-90.

8. **Sundarabalan, C. K.**, and K. Selvi. "Real coded GA optimized fuzzy logic controlled PEMFC based Dynamic Voltage Restorer for reparation of voltage disturbances in distribution system." *International Journal of Hydrogen Energy* 42, no. 1 (2017): 603-613.
9. Veeramani, M., **C. K. Sundarabalan**, and J. Sanjeevikumar. "An Efficient Microgrid Management System for Rural Area using Arduino." *International Journal of Engineering Trends and Technology (IJETT)* (2016): 335-341.

**International Conference:**

10. Balasundar, C., **Sundarabalan Ck**, Srinath Ns, and Josep M. Guerrero. "Interval Type-II Fuzzy Logic Controlled Shunt Converter Coupled Novel High-Quality Charging Scheme for Electric Vehicles." *IEEE Transactions on Industrial Informatics* (2020).
11. Karthikaikannan, D., and **C. K. Sundarabalan**. "Optimal reactive power dispatch with static VAR compensator using harmony search algorithms." In *Proceedings of the International Conference on Intelligent Computing Systems (ICICS 2017–Dec 15th-16th 2017) organized by Sona College of Technology, Salem, Tamilnadu, India*. 2017.