

Publications List of **Dr. CK. Sundarabalan (SASTRA University)** in the last 5 years

1. **CK Sundarabalan**, "Interval Type-II Fuzzy Logic Controlled Shunt Converter Coupled Novel High-Quality Charging Scheme for Electric Vehicles", IEEE Transactions on Industrial Informatics, Vol 9, Issue 4, Page 662, 2020.
2. **CK Sundarabalan**, "Performance evaluation of solar PV module with filters in an outdoor environment", Case Studies in Thermal Engineering, Elsevier, Vol 21, Pages 100700, 2020.
3. **CK Sundarabalan**, "Novel Exertion of Intelligent Static Compensator Based Smart Inverters for Ancillary Services in a Distribution Utility Network-Review", Electronics, Multidisciplinary Digital Publishing Institute, 2020.
4. **CK Sundarabalan**, "Automated power management strategy for wind power generation system using pitch angle controller", Measurement and Control, Vol. 52 pp. 169-182, 2019.
5. **CK Sundarabalan**, "Compressed air energy storage powered dynamic voltage restorer for voltage compensation in three-phase distribution system", Sustainable Cities and Society, Vol. 46, 101420, 2019.
6. **CK Sundarabalan**, "Fuel cell integrated unified power quality conditioner for voltage and current reparation in four-wire distribution grid", IET Smart Grid, Vol. 2, pp. 60 - 68, 2019.
7. **CK Sundarabalan**, "Improved fault ride through capability of DFIG-wind turbines using customized dynamic voltage restorer", Sustainable Cities and Society, Vol. 39, pp. 114-125, 2018.
8. **CK Sundarabalan**, "Load compensation and voltage regulation in three-phase four-wire distribution system using photovoltaic supported custom power device", Journal of Electrical Engineering, Vol. 17, pp. 531-545, 2017.
9. **CK Sundarabalan**, "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, Vol. 42, pp. 603-613, 2017.
10. **CK Sundarabalan**, "Compensation of voltage disturbances using PEMFC supported Dynamic Voltage Restorer", International Journal of Electrical Power and Energy Systems, Vol. 71, pp. 77-92, 2015.
11. **CK Sundarabalan**, "Mitigation of Power Quality Issues in Three-Phase Four-Wire Distribution System Employing Four-Leg DSTATCOM", Power Electronics and Renewable Energy Systems, Vol. 326, pp 753-760, 2014.
12. **CK Sundarabalan**, "Performance Investigation of Fuzzy Logic Controlled MPPT for Energy Efficient Solar PV Systems", Power Electronics and Renewable Energy Systems, Vol. 326, pp 761-770, 2014.
13. **CK Sundarabalan**, "PEM fuel cell supported distribution static compensator for power quality enhancement in three-phase four-wire distribution system", International Journal of Hydrogen Energy, Vol. 39, pp 19051-19066, 2014.