## **Profile of Dr.C.Kalaivanan**

Name : Dr. C.Kalaivanan

Designation : Associate Professor

Department : Electrical and Electronics Engineering,

Address : Sona College of Technology, Salem, 636005, Tamilnadu

Mobile : 9842593831

E-mail : ckalaivanan@gmail.com

## **Publications**

- 1. C.Kalaivanan and S.Chandrasekar (2019), "A Study on the Influence of SiO2 Nano Particles on the Failure of XLPE Underground Cables due to Electrical Treeing" **Journal of Electrical Engineering and Technology, Springer**, Volume 14, Issue 6, page 2447-2454.
- 2. S Chandrasekar, C Kalaivanan, GC Montanari, A Cavallini, (2010) "Partial discharge detection as a tool to infer pollution severity of polymeric insulators", **IEEE** transactions on Dielectrics and Electrical Insulation 17 (1), 181-188.
- 3. S Chandrasekar, C Kalaivanan, Andrea Cavallini and Gian Carlo Montanari, (2009) "Investigations on Leakage Current and Phase Angle Characteristics of Porcelain and Polymeric Insulator under Contaminated Conditions" **IEEE Trans. Dielectrics and Electrical Insulation** 16 (2), 574-583.
- 4. C Kalaivananand, S Chandrasekar,(2017) "Understanding inception and propagation of electrical tree discharge characteristics in xlpe nano-composites" **Power Research** 13 (1), 111-116.
- 5. C Kalaivanan, S Chandrasekar, (2016) "Analysis of Electrical Tree Inception and Propagation in XLPE Nano-Composites" Asian Journal of Research in Social Sciences and Humanities 6 (8), 1913-1922.
- 6. S Chandrasekar, C Kalaivanan , (2008), "Investigations on harmonic contents of leakage current of porcelain insulator under polluted conditions" Proceedings of the Fifteenth National Power Systems Conference (NPSC), 340-344.

- 7. D Divakaran, C Kalaivanan, (2012)"Investigation of lightning impulse voltage characteristics and other thermo-physical characteristics of vegetable oils for power apparatus applications 2012 IEEE 10th International Conference on the Properties and Applications.
- 8. S Chandrasekar, K Krishnamoorthi, M Panneerselvam, C Kalaivanan, (2008) "Investigations on flashover performance of porcelain insulators under contaminated conditions" National Conf. Electrical Engineering and Embedded Systems,(NCEEE), 112-116.
- 9. S Chandrasekar, C Kalaivanan, S Karthikeyan,(2008) "Study on pollution severity of porcelain insulators using LC and phase angle measurement, 2008 IEEE Region 10 and the Third international Conference on Industrial and Information system.