

List of Publications

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ELECTRICAL AND ELECTRONICS ENGINEERING

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PONDICHERRY- 605014.

1. Elan Seralathan.K, Amit Mahajan and Nandini Gupta, "Phase Resolved PD pattern in Electric Treeing", Jnl of Electrical Engineering, Vol 11, Edition 4, Art No.11.4.5, 2011.
2. Elan Seralathan.K, Amit Mahajan and Nandini Gupta, "Modeling of electric tree progression due to space charge modified fields", J. Appl. Phys D: Appl. Physics, Vol 41, No 105501, 2008.
3. Amit Mahajan, Elan Seralathan K and Nandini Gupta, "Modeling of Electrical Tree propagation in the presence of voids in Epoxy Resin", Intl Conf on Solid Dielectrics(ICSD), Winchester, UK, pp 138-141, July 2007.
4. Elan Seralathan K, Amit Mahajan and Nandini Gupta, "Effect of charge in tree tubules on Electric Tree Progression in Polymer Dielectrics", Intl. Conference on Recent Advances and Applications of Computer in Electrical Engg, Bikaner, Rajasthan, pp 1-5, Mar 2007.
5. Elan Seralathan K and Nandini Gupta, "Stochastic Modeling of Electric Tree Progression due to Partial Discharge Activity", Intl. Conference on Properties and Applications of Dielectric Materials (ICPADM), Bali, Indonesia, Vol 1, pp 119 -122, June 2006.
6. Amit Mahajan, Elan Seralathan K and Nandini Gupta, "Effect of the presence of voids on electrical treeing in polymeric insulation", Proceedings of the National Power Systems Conference (NPSC), IIT Roorkee, India, Dec 2006.
7. Mouraly C and Elan Seralathan K, "Accurate Modeling of Cable and Analysis of Corona Energy for Inverter Fed Drives Using Reflected Wave Theory", National Power System Conference (NPSC), IIT Madras, India, Vol 1,pp 1116-1119, Dec 2004.
8. Elan Seralathan K, Senthil Kumar S and Sridevi S, "Prediction of Causes of Insulation Failure in AC Machines", Intl. Conference on Digital Modeling and Simulation (DAMS), CIT, Coimbatore, India, Vol 2, pp 161-166, Jan 2003.
9. Elan Seralathan K Jayalakshmi M Koperundevi G Sivasankari S & Subha R, "An Integrated system for Automating Fault Analysis in EHV Network", National Power System Conference (NPSC), IIT Kharagpur, India, Vol 1, pp 496-499, Dec 2002.
10. Elan Seralathan K, Joy Thomas M and Nagabhushana G R," Breakdown of Solid Insulating Materials under High Frequency High Voltage Stress", Intl. Conference on Properties and Applications of Dielectric Materials (ICPADM), Xian Jiaotong University, Xian, China, Vol 2, pp 999-1001, June 2000.