

Department Wise Faculty Information Form

Department Name: Electrical & Instrumentation Engineering Department

Faculty Name **Dr. DIPANKAR CHANDA**

Designation Associate Professor

Address: Qr. No. IV/10E, Ulubari Colony, Assam Engg. College,
Jalukbari, Guwahati- 781 013.

Phone: 98642-76052

Email: dchanda2007@rediffmail.com

Website: Nil



Educational Qualification & Experience

B.E.(REC,Silchar)-1985

M.E.(IISc, Bangalore)-1992

Ph.D (IIT, Kharagpur)- 2003

Member of professional bodies: M.I.E.(India), LMISTE.

Experience: 1. Teaching: 20 years , 2. Power Sector: 1 year.

Research Interest

1. Power system analysis
2. Biomedical Instrumentation
3. Parameter sensing & Evaluation

Publications

- **D. Chanda, N.K. Kishore, A.K. Sinha, "Power system Transient simulation and analysis using PSPICE" – Published in Proceedings of 10th National Power Systems Conference, Vol.I, 1998, pp.73-78, Baroda, India.**
- **D. Chanda, N.K. Kishore, A.K. Sinha, "A Wavelet Multiresolution analysis of lightning transients" --- Published in Proceedings of 11th National Power Systems Conference, Vol.II, 2000, pp.469-474, Bangalore, India.**
- **D. Chanda, N.K. Kishore, A.K. Sinha, "A Wavelet Multiresolution based analysis for location of the point**

of strike of a lightning overvoltage on a transmission line" --- Published in IEEE,Power Delivery (under PES group).

- D. Chanda, N.K. Kishore, A.K. Sinha, "Classification of lightning and switching transients using Wavelet Multiresolution analysis and estimation of waveshapes using Artificial Neural Network on EHV transmission systems" ----- Published in Proceedings of International Conference on Computer applications in Electrical Engineering-CERA 01, to be held in Feb.,2002 at Roorkee, India.
- D. Chanda, N.K. Kishore, A.K. Sinha, "High Impedance fault identification using Wavelet Multiresolution analysis" ----- Published in Proceedings of 12th International Symposium on High Voltage Engineering-ISH 2001,being held in August,2001 at Bangalore, India.
- D. Chanda, N.K. Kishore, A.K. Sinha, "A Wavelet Multiresolution analysis for location of faults on transmission lines"-----Published in International Journal of Electrical Power and Energy systems (Elsevier publications).
- D. Chanda, N.K. Kishore, A.K. Sinha, "Application of Artificial Neural Network and Wavelet Multiresolution Analysis for location of faults on Transmission lines" ---- Published in Proceedings of International Conference on Energy, Automation and Information Technology (EAIT -2001), being held in Kharagpur, India.
- D. Chanda, N.K. Kishore, A.K. Sinha, " Identification and Classification of faults on transmission lines using Wavelet Multiresolution analysis" -----Published in Electric Power Components and Systems (Taylor and Francis Publication).
- D. Chanda, N.K. Kishore, A.K. Sinha, "Application of wavelet multiresolution analysis for identification and classification of faults on transmission lines" ---- Published in Electrical Power System Research (Elsevier publications).
- D. Chanda, N.K. Kishore, A.K. Sinha, "High impedance fault Identification using wavelet multiresolution analysis" ----- Published in Proceedings of 12th International Symposium on High Voltage Engineering-ISH 2001, held in August,2001 at Bangalore, India.
- D. Chanda, N.K. Kishore, A.K. Sinha, "Application of Wavelet MRA for classification of faults on transmission lines" ----- Published in IEEE conference, TENCON,2003, held in Bangalore, India.