

Dr. Saikat Chakrabarti
Senior Member, IEEE; Member, CIGRE
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Associate Professor
Department of Electrical Engineering
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Education

- Ph.D., Electrical Engineering, Memorial University of Newfoundland, Canada, 2006.
- M.E., Electrical Engineering, Jadavpur University, India, 2000.
- B.E., Electrical Engineering, National Institute of Technology, Durgapur, India, 1997.

Research interests

- Smart grid.
- Power system dynamics and stability.
- Application of synchronized measurement technology to power systems.
- Power system state estimation.
- Power system reliability

Professional and research experience

- Associate Professor, Department of Electrical Engineering, Indian Institute of Technology, Kanpur, India. June 2014 to Present.
- Assistant Professor, Department of Electrical Engineering, Indian Institute of Technology, Kanpur, India. December 2009 to June 2014.
- Lecturer, Department of Electrical Engineering, Faculty of Built Environment and Engineering, Queensland University of Technology, Brisbane, Australia. February 2009 to November 2009

Publications

- As on 30 December, 2014, total number of citations: 879, H-index: 14, i10-index: 18 (according to google scholar).

Book

- S. Chakrabarti, Application of Artificial Neural Networks for Online Voltage Stability Monitoring and Enhancement of an Electric Power System, VDM Verlag, Saarbrcken, Germany, 2008.

Journal/magazine publications

- M. Asprou, S. Chakrabarti, and E. Kyriakides, "A two-stage state estimator for dynamic monitoring of power systems," accepted in Nov. 2014 for publication in IEEE Systems Journal.
- A. Sharma, S. C. Srivastava, and S. Chakrabarti, "An extension of common information model for power system multi area state estimation," accepted in Nov. 2014 for publication in IEEE Systems Journal.