

Department Wise Faculty Information Form

Department Name: Electrical Engineering Department

Faculty Name: Dr. Barnali Goswami

Designation Associate Professor

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Educational Qualification & Experience

1. B.E (Electrical Engineering) - 1990, Gauhati University- 1st Class
2. M.Tech. (Electrical Engineering) – Indian Institute of Technology, Kharagpur – 2000 – 1st Class
3. Ph. D. – (Electrical Engineering) – Jadavpur University - 2008

Experience: Working as a faculty member in Electrical Engineering since 1994.

Research Interest

1. Power system
2. Optimization technique
- 3.

Recent Publications

- S.Patra, S.K. Goswami, B.Goswami "Fuzzy and simulated annealing based dynamic programming for the unit commitment problem" **Expert Systems with Applications** Volume 36, Issue 3, Part 1, April 2009, Pages 5081-5086
- S. Patra, S. K. Goswami, B. Goswami, "Differential Evolution Algorithm for Solving Unit Commitment with Ramp Constraints", *Electric Power Components and Systems*, Vol. 36, No. 8, pp. 771-787, 2008.
- S. Patra, S. K. Goswami, B. Goswami, "A Binary Differential Evolution Algorithm For Security Constrained Unit Commitment" IEE International Conference, 978-1-4244-1762-

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- S. Patra S. K. Goswami B. Goswami , Fuzzy Based Fast Dynamic Programming Solution Of The Unit Commitment With Ramp Constraints, Blackwell Expert System
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