

Your CSE Department in the News

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Professor receives grant to study digital systems

Dr. Saraju Mohanty, an assistant professor of computer science and engineering at the University of North Texas, has received a three-year National Science Foundation grant to study the power and performance of digital systems through such computer-aided design modeling.

The research project, titled "A Comprehensive Methodology for Early Power-Performance Estimation of Nano-CMOS Digital Systems," received a total of \$200,000. UNT is the lead institution on this project, with support provided by Texas A&M University.

Mohanty said this modeling is vital to develop new battery-powered circuits and systems.

"The research we're doing will be applicable in everything from mobile phones to laptop computers to PDAs to automobiles. All sorts of industries will benefit from this research," said Mohanty, who also directs UNT's VLSI Design and CAD laboratory.