Chitkara University Establishes Masters Program in Microelectronics

Collaboration with Synopsys, Inc. and Seer Akademi establishes program to prepare electrical engineering graduates for high tech careers

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Synopsys, Inc., a world leader in software and IP for semiconductor design, verification and manufacturing, and Chitkara University today announced a new Masters program in Microelectronic Systems to train highly qualified specialists in the field of very large scale integration (VLSI) design and embedded systems, a key component in India's high tech economy. Built around a proven Synopsys curriculum adopted in numerous educational institutions worldwide, the new three-year program includes use of Synopsys software tools for practical sessions as well as access to live technical support and searchable knowledge bases. Industry specialists and faculty from top universities around the world will moderate classes online. For qualified candidates, opportunities to apply for Synopsys certification and fellowships are also available. Classes will begin February 2010.

Offered in collaboration with Seer Akademi, an academic initiative of the Synopsys Worldwide University Program that delivers Synopsys educational content and technical support to universities in India, the program features a state-of-the-art computing environment, a Synopsys-based electronic design environment and IC design flow, and experienced staff. The microelectronics curriculum includes basic and advanced courses as well as elective courses for VLSI, embedded systems design and electronic systems design. Courses will be conducted through interactive online webinars, social networking media and live sessions with industry and academic experts.

"As a leader in our industry, Synopsys strives to provide engineering students with industry-ready skills. This is a key step in developing a workforce that is ready to enter the fast-paced world of nanotechnology. Through approaches such as Internet distance learning we are able to make a broad range of resources available to students," said Rich Goldman, vice president of corporate marketing and strategic alliances at Synopsys. "We are honored to work with Chitkara University and Seer Akademi to bring this world-class curriculum to India, and we welcome the opportunity to implement best practices from other Synopsys University programs around the world to help ensure its success."

"Chitkara University has consistently been a leader in advancing progressive educational methods," said Mohit Chitkara, President of Chitkara School of Engineering and Technology. "We are proud to be the first in India to offer this unique Synopsys program and to do our part to build a highly skilled workforce to address growing industry opportunities."

"India has a huge electronics deficit shaping up and we need to focus on creating a skilled workforce that can participate more fully in this exciting industry opportunity," said Prof. Srikanth Jadcherla, chairman and CEO of Seer Akademi. "By offering a program that combines advanced education and research, at Chitkara is playing an important role in advancing India's technology workforce."

About Seer Akademi

Seer Akademi is a pioneer in electronics education helping Indian colleges and universities achieve world-class programs in VLSI and embedded systems. Its methodology focuses on a unique combination of local and online faculty with skill-matrix-based learning. Seer is an educational content provider for Synopsys University Programs. Visit Seer Akademi online at http://www.seerakademi.com

About Synopsys

Synopsys, Inc. is a world leader in electronic design automation (EDA), supplying the global electronics market with the software, intellectual property (IP) and services used in semiconductor design, verification and manufacturing. Synopsys' comprehensive, integrated portfolio of implementation, verification, IP, manufacturing and field-programmable gate array (FPGA) solutions helps address the key challenges designers and manufacturers face today, such as power and yield management, software-to-silicon verification and time-to-results. These technology-leading solutions help give Synopsys customers a competitive edge in bringing the best products to market quickly while reducing costs and schedule risk. Synopsys is headquartered in Mountain View, California, and has more than 65 offices located throughout North America, Europe, Japan, Asia and India. Visit Synopsys online at http://www.synopsys.com/.

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