India—Building the Tall, Thin VLSI Engineer

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Abstract

With logical and physical design melding together, an opportunity to build a new type of engineer is emerging rapidly. Powerful tools are enabling any engineer to deliver a high quality of results once possible for only a seasoned designer. These leading-edge tools and technologies are changing the boundaries between logic and physical design, between system and chip design, and between novice and seasoned designer. Given the right tools, computer scientists and electronics engineers both can play pivotal roles in enabling the transition to nanometer system-on-chip designs. And with unparalleled technical prowess and aptitude to adapt, India is in the best position to lead this evolution.

Rajeev Madhavan has served as chief executive officer, president and chairman of the board of directors since he co-founded Magma in 1997. Prior to that Mr. Madhavan co-founded and served as president and CEO of Ambit Design Systems, Inc. Mr. Madhavan previously co-founded and served as director of engineering of LogicVision. Mr. Madhavan received a bachelor's degree in electronics and communication from KREC, Surathkal, India, and a master's degree in electrical engineering from Queen's University, Ontario, Canada.