



INDIAN INSTITUTE OF TECHNOLOGY KANPUR

Distinguished Alumnus Award

Uday B Desai

Uday B. Desai received the B. Tech. degree from Indian Institute of Technology, Kanpur in 1974, the M.S. degree from the State University of New York, Buffalo, in 1976, and the Ph.D. degree from The Johns Hopkins University, Baltimore, U.S.A., in 1979, all in Electrical Engineering.

He taught at the School of Electrical Engineering and Computer Science Department at Washington State University, Pullman, WA, U.S.A. before joining the Electrical Engineering Department of Indian Institute of Technology Bombay. He was the Dean of Students at IIT Bombay from Aug 2000 to July 2002. He has held Visiting Professor's position at Arizona State University, Purdue University, and Stanford University, EPFL, Lausanne. From July 2002 to June 2004, he was the Director of HP-IITM R&D Lab. at IIT Madras.

His major teaching research interests include wireless communication, cognitive radio, wireless sensor networks, IoT and statistical signal processing.

In June 2009 Prof. Desai took over as the first Director of IIT Hyderabad where he started a novel academic program, referred to as Fractal Academics, which makes the overall academic program flexible with the eventual aim of the students creating a bouquet of courses to suit their interests. He also started the executive M.Tech. Program in Data Sciences, a Minor in Entrepreneurship and several other options. Under his leadership IIT Hyderabad gained quite respectful position in the national ranking.

Prof. Desai is the editor of the book "Modeling and Applications of Stochastic Processes" (Kluwer Academic Press, Boston, U.S.A. 1986). He is also a co-author of 8 monographs dealing with signal processing and wireless communication.

Prof. Desai is recipient of the 2015 Outstanding Alumni Award from University of Buffalo. He is a senior member of IEEE, a Fellow of INSA (Indian National Science Academy), Fellow of Indian National Academy of Engineering (INAE), and a Fellow of The Institution of Electronic & Telecommunication Engineers (IETE). He is the recipient of J C Bose Fellowship. He is also the recipient of the Excellence in

Teaching Award from IIT Bombay for 2007. He is on the board of Tata Communications Limited. He also serves on the Governing Council of several education institutes and research bodies. He is one of the founding members of COMSNETS and also Society for Cancer Research and Communication. He is actively associated with IEEE Bombay Section.

Prof. Uday B. Desai is being conferred upon the Distinguished Alumnus Award – 2016 of Indian Institute of Technology Kanpur for his outstanding Academic and Professional Excellence.