



### **Brief Bio Data**

Uday B. Desai received the B. Tech. degree from [Indian Institute of Technology, Kanpur](#), India, 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. Since June 2009 he is the Director of [IIT Hyderabad](#). He is the Mentor Director for IIT Bhilai and IIIT Chittoor.

He has held faculty positions at different universities, Assistant and then Associate Professor at Washington State University and Professor at IIT Bombay. He has held Visiting Associate Professor's position at Arizona State University, Purdue University, and Stanford University. He was a visiting Professor at EPFL, Lausanne. He has been the Director of HP-IITM R and D Lab. at IIT-Madras.

His research interest is in Cyber physical systems, Internet of things, digital fabrication, wireless communication, cognitive radio, wireless sensor networks and statistical signal processing. He has been a coauthor of 9 research monographs and author of nearly 300 peer reviewed papers in international journals and conferences.

He is a member of many central governmental committees and governing council of academic institutions. He was a member of the high powered [committee for review of AICTE](#). He is on the board of Tata Communications Limited.

Dr. Desai is a Fellow of [Indian National Science Academy](#)), Fellow of [Indian National Academy of Engineering](#). He is the recipient of J C Bose Fellowship. He is also the recipient of the Excellence in Teaching Award from IIT-Bombay. In 2015 he received the Outstanding Alumni award from University of Buffalo and in 2016 he received the Distinguished Alumni Award from IIT Kanpur.

## Experience

- Director, IIT Hyderabad, June 2009 to present (position equivalent to that of President of a University)
- Director, Hewlett-Packard - IIT-Madras R and D Lab. July 1, 2002 to June 30 2004
  - Provided a strong exposure to corporate R and D management
- Dean, Student Affairs, IIT-Bombay, August 2000 to June 2002.
  - Started E-Cell (Students' Entrepreneurship Cell). Today E-cell has an international standing.
  - Started student mentorship program by senior students
- Professor, Department of Electrical Engineering, IIT Bombay, July 1987 to Feb 31, 2016
- Director, Hewlett-Packard - IIT-Madras R and D Lab. July 1, 2002 to June 30 2004
- Associate Professor, Department of Electrical Engineering, Washington State University, Pullman, Washington, U.S.A., August 1984 to June 1987
- Assistant Professor, Department of Electrical Engineering, Washington State University, Pullman, Washington, U.S.A., September 1979 to July 1984
- Visiting Associate Professor in the Department of Electrical and Computer Engineering at Arizona State University, Aug. 84 to Dec. 84.
- Visiting Professor with Department of Electrical and Computer Engineering, Oregon State University, Summer of 1989
- Visiting Professor, EPFL-Lausanne, Switzerland, Summer 2002
- Held short time Visiting Associate Professor's position with the Department of Aerospace Engineering, Purdue University, Indiana, U.S.A, summer 1986 and Department of Electrical Engineering, Stanford University, Palo Alto, U.S.A., during Sept 1986 to Nov 1986
- He started SPANN Lab at IIT Bombay

## Honorary Positions

- Member Visitation Panel for University of Ghana. The Visitation Panel prepared a completely new blueprint for the university on three major fronts: Governance, Academic and Infrastructure.
- Board Member Tata Communications Limited
- Member, AICTE Review Committee, appointed by MHRD
- Member Governing Council of IIIT Hyderabad
- Member Governing Council Rajiv Gandhi University of Knowledge Technology.
- Past Member BOG of Indian Institute of Information Technology, Design and Manufacturing Jabalpur
- Member BoG ABV Indian Institute of Information Technology and Management Gwalior.
- Member Society of IIM Kozhikode

- Member BoG, IIIT Dharwad
- Member, BoG IIM Vishakhapatnam
- Member Governing Council Defence Institute of Advanced Technology, Pune
- Past Member BoG, NIT Warangal
- Chairman, Research Council, ANURAG, DRDO
- Chairman, Research Council, DEAL Dehradun, DRDO
- Member, Research Advisory Committee, Mahindra Ecole Centrale College of Engineering, Hyderabad
- Member, BoG Photonics Valley Corporation, Hyderabad, Telangana
- Member, Governing Council, Center for Excellence in IoT, Bangalore
- Member-Engineering Sciences Research Committee, Council of Scientific & Industrial Research
- Member, Governing Body Research, Hyderabad Eye Research Foundation (L V Prasad's)
- Past Member, Wireless planning & Co-ordination Wing, MCIT
- Past Member in visitation panel, Univ. of Dar Es Salaam, Tanzania
- Member, Education Committee, CII India
- Member, CII Telangana
- Past Member, SEST School Board, University of Hyderabad
- Member - Project Advisory Committee of Hyd. Science City, Hyderabad Metropolitan Development Authority
- Past Expert Member, National Disaster Management Authority NDMA
- Past Member Institute of Advanced Radio Spectrum Engineering and Management Studies
- Working Group Chairman, CDAC (DEITY)
- Member, Governing Body, CBIT, Hyderabad
- Advisory council member, Cluster Advisory Council member for Missiles and Strategic Systems Cluster, DRDO
- Past Member, INAE Sectional Committee
- Past Member of Search for the Selection of Vice Chancellor North Maharashtra University
- Past Member of Search for the Selection of Directors of 9 NITs
- Past Member of Search for the Selection of Director, SPA Vijaywada
- Past Member, Board of Advisor, IETE Technology University at Imphal, Manipur
- Past Member, Governing Council, AP Society for knowledge networks (APSFKNW)
- Member Selection Committee for Director IIIT Naya Raipur
- Senate Member, IIIT Naya Raipur
- Member Technology Advisory Committee for NKN (national Knowledge Network)
- One of the Founding Member COMSNETS (Communication Systems and Networks)
- One of the Founding Member Society for Cancer Research and Communication (SCRAC)
- Advisory Board Member for IEEE Wireless Communication 2012
- Member of DoT Group on Promotion of Indian Telecom R&D, IPR and Manufacturing
- Member DIT Working Group on Information Technology
- Chair, DEITY Working Group on Broadband Communication and Convergence
- Member DST PAC on Electronics and Communication 2007-2009

- Member of AICTE Executive Committee since 2005 – 2008.
- Chair of IEEE Bombay Section (which covers Maharashtra, Madhya Pradesh, and Goa) during 2007-2008.
- Past Convener of INSA Sectional Committee IV on Applied Physics, Chemical Technology, Electronics and Telecommunication, Engineering and Engineering Sciences

### Awards and Honors

- Outstanding Alumni Award from University of Buffalo (State University of New York, Buffalo) 2015
- Honoris Causa (Doctor of Science) from K L University, Vijayawada, Andhra Pradesh
- Fellow INSA (Indian National Science Academy)
- Fellow, INAE (Indian National Academy of Engineering)
- J C Bose Fellowship
- Lifetime Achievement Award from Indian Society of Industrial and Applied Mathematics
- Fellow, IETE (Institution of Electronics and Telecommunication Engineers)
- IETE – S K Mitra Memorial Award (2012)
- Excellence in Teaching Award, IIT-Bombay, 2007
- Distinguished Lecturer for IEEE Communication Society (ComSoc) for 2008-2009.
- Recipient of Ram Lal Wadhwa Award from Indian Institute of Electronics and Telecommunication Engineers 2001
- Felicitation by Society for Cancer Research and Communication, Bombay, India (Jan. 2003)
- General Co-Chair for the *Sixth IEEE International Conference on Computer Vision* Jan. 1998.
- Microsoft Innovations Award: *Faculty Mentor for the Microsoft Innovations Award for use of Bluetooth Technology in Safe In-flight Wireless Telephony, from IEEE Computer Society International Design Competition, 2001.*
- Best paper award at the *International Conference on Business and Finance, 2005*, Hyderabad for the paper on “Investigating Efficiency of the Indian Equities Market”, paper co-authored by Saket Sathe and R. K. Lagu.
- Delivered an invited lecture at Frontiers of Knowledge in Science and Technology for Africa, University Leaders’ Forum, Cape Town. Nov 19, 2006;  
[www.foundation-partnership.org/pubs/leaders/assets/papers/DesaiSession2.ppt](http://www.foundation-partnership.org/pubs/leaders/assets/papers/DesaiSession2.ppt)  
attended by Vice Chancellors of African Universities.