



INDIAN INSTITUTE OF TECHNOLOGY MADRAS

DISTINGUISHED ALUMNUS AWARD – 2008

CITATION FOR Dr. KRISHNAIYAN THULASIRAMAN

Prof. Krishnaiyan Thulasiraman currently holds the endowed Hitachi Chair in Computer Science at the University of Oklahoma, USA. He has had a distinguished academic career for more than four decades, having served on the faculty at IIT Madras (1965–81), Technical University of Nova Scotia, Canada (1981-82), Concordia University, Canada (1982–94) and the University of Oklahoma (1994-present). He received his Bachelor's and Master's degrees in electrical engineering from Madras University in 1963 and 1965 respectively, and his Ph.D. degree from IIT Madras in 1968.

Dr. Thulasiraman is recognized worldwide for his outstanding scholarly contributions and leadership in graph theory and its applications to various facets of electrical and computer science & engineering. He has shown an unusual ability to adapt his research to fast-evolving technological trends. He enjoys wide visibility and reputation in different communities -- circuits and systems, computers, communications, computer science, and mathematics -- as a result of his vast span of research.

Dr. Thulasiraman has published extensively in a number of prestigious journals. He has co-authored two monumental advanced books: "Graphs, Networks and Algorithms" (1981) and "Graphs: Theory and Algorithms" (1992). He has received several awards and honors. He is a Fellow of the IEEE, and Fellow of the American Association for the Advancement of Science (AAAS). He received the highly coveted IEEE Circuits and Systems Society Technical Achievement Award (2006), which honours one individual each year for lifetime contributions to Circuits and Systems. In 2005, Dr. Thulasiraman was holder of the Endowed Gopalakrishnan Chair Professorship in Computer Science at IIT Madras.

Besides his outstanding scholarly activities, Dr. Thulasiraman has made significant contributions to electrical engineering education and to the profession, through his various activities in the IEEE and other technical societies.

In recognition of his exceptional contributions to the fields of Electrical Engineering and Computer Science, IIT Madras and its alumni are proud to confer on him this award.

17th April 2008

**Prof. M. S. Ananth
Director**