



## Satish Udpa,

**Executive Vice President for Administrative Services,  
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Dr. Satish Udpa serves Michigan State University (MSU) as the Executive Vice President for Administrative Services and University Distinguished Professor. He served as the Dean of the College of Engineering and Chair of the Electrical and Computer Engineering Department at MSU before his current appointment. Prior to joining MSU in 2001, Dr. Udpa was the Whitney Professor of Electrical and Computer Engineering at Iowa State University. He was on the faculty at Colorado State University prior to his stint at Iowa State University.

Udpa's research interests span the broad area of materials characterization and nondestructive evaluation (NDE). Work done by him to date in the area includes an extensive repertoire of forward models for simulating physical processes underlying several inspection techniques. He has also been involved in the development of system-based and model-based inverse solutions for defect and material property characterization. His interests have expanded in recent years to include the development of noninvasive tools for clinical applications, such as new electromagnetic-acoustic methods for detecting single-leg separation failures in artificial heart valves, as well as microwave imaging and ablation therapy systems.

He has published extensively, holds several patents, and is the Technical Editor of the *Electromagnetic Nondestructive Testing Handbook* published by the American Society for Nondestructive Testing. He serves as the Editor of the *IEEE Transactions on Magnetics* and is the Regional Editor of the *International Journal of Applied Electromagnetics and Mechanics*. Dr. Udpa is a Fellow of the Institute of Electrical and Electronics Engineers, the American Society for Nondestructive Testing, the Indian Society for Nondestructive Testing, and the Engineering Society of Detroit. He is a Full Member of the Academia NDT International. Dr. Udpa also served as the Permanent Secretary of the World Federation of NDE Centers from 1998 to 2003.