

## Krishna Vedula,

**Professor of Chemical Engineering and Dean Emeritus, Francis College of Engineering, University of Massachusetts Lowell, USA**

Dr. Vedula is well recognized globally for his contributions to engineering education, research, administration and outreach. He is internationally recognized for his research in processing and properties of materials for high temperature applications, with particular emphasis on powder processing and intermetallic compounds. He has been made a Fellow of American Society for Metals (ASM) and a Fellow of the American Society for Engineering Education (ASEE) in recognition of these professional achievements.

As dean of engineering at University of Massachusetts (1995-2003), he has demonstrated his leadership in building unique partnerships with business, K-12, state agencies and other educational institutions. He was responsible for raising several millions of dollars for scholarships, endowments and facilities from private sources and for overseeing a significant improvement in the quality of students and faculty as well research and teaching facilities at the Francis College of Engineering. He is Founder of “Massachusetts STEM (Science Technology Engineering and Mathematics) Collaborative” aimed at increasing the number of youth interested in science and engineering in MA. This has now evolved into a program of the State of Massachusetts.

Dr. Vedula is founder and executive director of the Indo-US Collaboration in Engineering Education (IUCEE) facilitated initially by ASEE. IUCEE has the objective of improving quality and global relevance of engineering education in India and US. For the past five years, IUCEE has facilitated interactions between several hundreds of US faculty and several thousands of Indian faculty. He is also has been the President of IFEES (International Federation for Engineering Societies) from 2010 to 2012. IFEES has the mission of improving the quality of engineering education globally by facilitating networking among engineering educational organizations across the world.

Dr. Vedula has B.Tech (IIT Bombay, 1967), M.S. (Drexel University, 1969) and Ph.D. (Michigan Tech University, 1980) degrees in Materials Engineering. He has 30 years academic teaching and research experience in materials science and engineering as well as engineering administration, including 10 years as a faculty member at Case Western Reserve University, 5 years as chair of the materials science and engineering department at Iowa State University and 8 years as dean of an engineering college at UMass Lowell. In addition he has spent 2 years managing federal research and educational programs.