

## ANIL KUMAR CHOPRA

### Biographical Sketch

Anil K. Chopra received his Bachelor of Science degree in Civil Engineering from Banaras Hindu University, India, in 1960, the Master of Science degree from the University of California, Berkeley, in 1963, and the Doctor of Philosophy degree, also from Berkeley, in 1966.

After serving as an Assistant Professor at the University of Minnesota, Minneapolis, he joined the faculty at the University of California, Berkeley where he has served as Assistant Professor (1967-71), Associate Professor (1971-76), Professor (1976- ), Vice Chair (1980-83) and Chair (1991-93, 1994-97) of the Structural Engineering, Mechanics and Materials program in the Department of Civil and Environmental Engineering. He has been responsible for the development and teaching of courses in structural engineering, structural dynamics, and earthquake engineering.

His research activities have included studies of structural dynamics, various problems in earthquake analysis and design of buildings, dynamic soil-structure interaction, dynamic fluid-structure interaction, and earthquake analysis and design of concrete dams. He has authored more than 300 published papers on this work, a monograph, *Earthquake Dynamics of Structures, A Primer*, 2005, and a textbook, *Dynamics of Structures: Theory and Applications to Earthquake Engineering*, 1995, 2001, and 2007.

Professor Chopra serves as a consultant on earthquake engineering problems to numerous governmental and private organizations. He is a Member of the American Society of Civil Engineers, where he has served as Chairman (1986) of the Engineering Mechanics Division Executive Committee and also Chairman (1991) of the Structural Division Executive Committee. He was a member of the Board of Directors of the Earthquake Engineering Research Institute (1990-93), the Structural Engineers Association of Northern California (1987-89), the Seismological Society of America (1982-83), and the Applied Technology Council (1972-74). He served as a member of the Steering Committee for the Eighth World Conference on Earthquake Engineering, San Francisco, 1984, and as Chairman of the National Research Council Committee on Natural Disasters (1982-83). Currently, he serves as Executive Editor of *Earthquake Engineering and Structural Dynamics*, the journal of the International Association for Earthquake Engineering.

He has received the following medals and awards: the University Gold Medal (1960) and the Distinguished Alumnus Award (1980) from Banaras Hindu University; the Ernest E. Howard Award (1998), the Nathan M. Newmark Medal (1993), the Norman Medal thrice (2001, 1991 and 1979), the Raymond C. Reese Research Prize (1989), and the Walter L. Huber Research Prize (1975), all of the American Society of Civil Engineers; the Housner Medal (2002) from the Earthquake Engineering Research Institute; and the AT&T Foundation Award of the American Society for Engineering Education (1987). At the University of California at Berkeley he was appointed Miller Research Professor for the Fall Semester, 1990, and for the 2003-2004 academic year, was named to the Horace, Dorothy, and Katherine Johnson Chair in Engineering in 1992, and received the Distinguished Teaching Award in 1999. He was elected to the National Academy of Engineering in 1984, and as an Honorary Member of the International Association for Earthquake Engineering in 2004. He received the *Doctor Honoris Causa* from the Technical University of Engineering, Bucharest, Romania in 2007, and the Honorary Professor title from Harbin Institute of Technology, China, in 2009