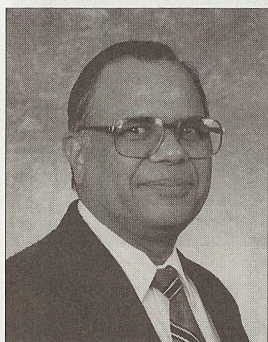


2001 Distinguished Educator Award

K.C. Gupta

This award was inspired by the untimely death of Prof. F. J. Rosenbaum (1937-1992), an outstanding teacher of microwave science and a dedicated Administrative Committee Member and contributor. The award recognizes a distinguished educator in the field of microwave engineering and science who best exemplifies the special human qualities of Fred Rosenbaum who considered teaching a high calling and demonstrated his dedication to the Society through tireless service. This year's recipient is K.C. Gupta, whose citation reads "**For outstanding achievements as an educator, mentor and role model of microwave engineers and engineering students.**"



K.C. Gupta

K.C. Gupta received the B.E. and M.E. degrees in Electrical Communication Engineering from the Indian Institute of Science, Bangalore, India, in 1961 and 1962, respectively, and the Ph.D. degree from the Birla Institute of Technology and Science, Pilani, India, in 1969. Dr. Gupta has been a Professor at the University of Colorado since 1983. Presently, he is also the Associate Director for the NSF I/UCR Center for Advanced Manufacturing and Packaging of Microwave, Optical and Digital Electronics (CAMPmode) at the University of Colorado; and a Guest Researcher with RF Technology Group of National Institute of Standards and Technology (NIST) at Boulder. Earlier, he had a long stay (since 1969) at the Indian Institute of Technology, Kanpur, where he was a Professor in Electrical Engineering until 1984. From 1971 to 1979, he was the Coordinator for the Phased Array Radar Group of the Advanced Center for Electronics Systems at the Indian Institute of Technology. On leave from IITK, he has been a Visiting Professor at the University of Waterloo, Canada; at the Ecole Polytechnique Federale de Lausanne, Switzerland; at the Technical University of Denmark (Lyngby); at the Eidgenossische Technische Hochschule, Zurich; and at the University of Kansas, Lawrence. On sabbatical from

the University of Colorado in 1993-94, Dr. Gupta was a Visiting Professor at the Indian Institute of Science in Bangalore and a Consultant at the Indian Telephone Industries.

Dr. Gupta's current research interests are in the area of computer-aided design techniques (including ANN applications) for microwave and millimeter-wave integrated circuits, nonlinear characterization and modeling, RF MEMS, and reconfigurable antennas. He is the author or co-author of eight books: *Microwave Integrated Circuits* (Wiley Eastern, 1974; Halsted Press of John Wiley, 1974); *Microstrip Line and Slotlines* (Artech House, 1979; revised second edition, 1996); *Microwaves* (Wiley Eastern, 1979; Halsted Press of John Wiley, 1980; Editorial Limusa Mexico, 1983); *CAD of Microwave Circuits* (Artech House, 1981; Chinese Scientific Press, 1986; Radio I Syvaz, 1987); *Microstrip Antenna Design* (Artech House, 1988); *Analysis and Design of Planar Microwave Components* (IEEE Press, 1994); *Analysis and Design of Integrated Circuit-Antenna Modules* (John Wiley 1999); and *Neural Networks for RF and Microwave Design* (Artech House 2000). Also, he has contributed chapters to the *Handbook of Microstrip Antennas* (Peter Peregrinus, 1989); the *Handbook of Microwave and Optical Components*, vol. 1 (John Wiley, 1989); *Microwave Solid State Circuit Design* (John Wiley, 1988); *Numerical Techniques for Microwave and Millimeter Wave Passive Structures* (John Wiley, 1989), and *Encyclopedia of Electrical and Electronics Engineering* (John Wiley 1999). Dr. Gupta has published about 200 research papers and holds four patents in the microwave area.

Dr. Gupta is a Fellow of the IEEE (Institute of Electrical and Electronics Engineers, USA); a Fellow of the Institution of Electronics and Telecommunication Engineers (India); a Member of URSI (Commission D, USA); and a Member of the Electromagnetics Academy (MIT, USA). He is a recipient of IEEE Third Millennium Medal, a member of the ADCOM for the MTT Society of IEEE, chair of the IEEE MTT-S standing committee on Education, past co-chair of the IEEE MTT-S Technical Committee on CAD (MTT-1), a member of the IEEE Technical Committee on Microwave Field Theory (MTT-15), a member of IEEE-EAB Committee on Continuing Education, a member of IEEE-EAB Societies Education Committee, and on the Technical Program Committees for MTT-S International Symposia. He is the founding editor of the *International Journal of RF and Microwave Computer-Aided Engineering*, published by John Wiley since 1991. He is an Associate Editor for *IEEE Microwave Magazine*, on the editorial boards of *IEEE Transactions on Microwave Theory and Techniques*, *Microwave and Optical Technology Letters* (John Wiley), and *International Journal of Numerical Modeling* (John Wiley, U.K.). He is listed in *Who's Who in America*, *Who's Who in the World*, *Who's Who in Engineering*, and *Who's Who in American Education*.