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**Professor**

**Qualification:** Ph.D. (IIT Kanpur, India)

**Areas of Interest:** Adaptive Signal Processing, Bandwidth Compression, Digital Communication over Fading Dispersive Channels

**Brief Bio-data:**

Born on May 25th, 1946 at Amritsar (Punjab, India), Dr. Mehra has received the ***B.E. and M.E.*** degrees in Electrical Communication Engineering from ***Indian Institute of Science***, Bangalore, India, in 1968 and 1970, respectively. He joined the Electronics and Computer Engineering Department of University of Roorkee (Now IIT-Roorkee), in 1975, where he became a Professor in 1987.

He has guided a number of Ph.D. students on the Applications of Adaptive Signal Processing Techniques to Equalization, Echo-cancellation, Adaptive beam forming and Multi-user detection in CDMA. He has also supervised a number of M.E. students for their dissertation/project work in the area of performance evaluation of Digital Communication Systems and implementation of low bit rate Speech Coders using simulation techniques. He is also interested in real time implementation of Speech Coders and Digital Modems using Digital Signal Processors.