

Shoba Krishnan received her B. Tech. degree from Jawaharlal Nehru Technological University, India in 1987 and M.S. and Ph.D. degrees from Michigan State University, East Lansing, in 1990 and 1993 respectively. From 1995 to 1999 she was with the Mixed-Signal Design Group at LSI Logic Corporation, Milpitas, CA where she worked on high-speed data communication IC design and testing. She is an Associate Professor in the Department of Electrical Engineering at Santa Clara University, Santa Clara, California. Her research interests include Analog and Mixed-Signal Integrated Circuit Design and Testing with projects in high speed data communication systems with special emphasis on clock and data I/O circuits. She also works on characterization and modeling of Carbon Nanotubes as interconnect material. She is currently branching into curriculum and research development in electronic instrumentation for bio-engineering and power electronics for renewable energy systems. She is the advisor of the IEEE and the Engineers Without Borders (EWB) student chapters at SCU. She has a strong interest in engineering education, and is involved in several community based activities to increase the participation of underrepresented groups in engineering.