



Santosh K. Kurinec is a Professor of Electrical and Microelectronic Engineering at Rochester Institute of Technology (RIT). She is a Fellow of IEEE and a Member of the New York Academy of Sciences. She is a Guest Professor at Technical University of Applied Sciences Würzburg-Schweinfurt, Germany. She received Ph.D. degree in Physics from University of Delhi, India and worked as a Scientist at National Physical Laboratory, New Delhi. She joined the Department of Materials Science and Engineering at University of Florida as a Postdoctoral Research Associate. Prior to joining RIT, she was Assistant Professor of Electrical Engineering at Florida State University/Florida A & M University College of Engineering in Tallahassee, FL. Her current research activities include advanced integrated circuit materials & devices and photovoltaics. She worked at IBM Watson Research Center as a visiting scholar. She received the 2012 IEEE Technical Field Award for integrating research in teaching to prepare microelectronic engineers for future challenges. She was inducted in the Women in Technology International Hall of Fame in 2018. She received IEEE Region 1 William Terry Distinguished Service Award, 2022, for IEEE service, and outstanding research and teaching semiconductor technology and promoting semiconductor workforce generation. In 2024, she is appointed as Vice Chair of IEEE SRC Region 1-3, 7. In 2022, she became the Fellow of International Association of Advanced Materials. She has over 130 publications in research journals and conference proceedings. She recently edited books on Energy Efficient Computing & Electronics: Devices to Systems, and Nanoscale Semiconductor Memories: Technology and Applications, and Emerging Photovoltaic Materials: Silicon & Beyond.