Freena Saqib's current research interests include: IoT security, hardware security and trust, supply chain risk management and security, physical unclonable functions (PUF) based authentication, high performance computing and hardware accelerators design using FPGAs for small and resource constrained embedded electronic devices. Fareena's recent projects focus on hardware-based authentication and trusted-platform-module functions for IoTs; security architecture for smart grids. Her research is supported through National Science Foundation and industry donations. Fareena Saqib is presently working as Assistant Professor of Electrical and Computer Engineering at University of North Carolina, Charlotte (UNCC) since fall 2017. Prior to joining UNCC, she had been working as Assistant Professor of Electrical and Computer Engineering at Florida Institute of Technology (FIT) since fall 2014 after completion of her Ph.D. in Electrical and Computer Engineering from University of New Mexico (UNM) under the supervision of Professor Jim Plusquellic. Dr. Fareena Saqib is currently also performing as an elected IEEE Secretary and Member of the Board of Directors at IEEE Charlotte section.