Jayasimha Atulasimha is an Engineering Foundation Professor of Mechanical and Nuclear Engineering with a courtesy/affiliate appointment in Electrical and Computer Engineering and Physics at the Virginia Commonwealth University (VCU). His current research interests include nanomagnetism, spintronics, and quantum computing. He is a fellow of the ASME, an IEEE Senior Member and past chair for the Technical Committee on Spintronics, IEEE Nanotechnology Council also serves as the Associate Director for research at the Institute for Sustainable Energy and Environment (ISEE) at VCU.