

Jayasimha Atulasimha, Ph.D.

Qimonda Professor, Department of Mechanical and Nuclear Engineering at VCU College of Engineering
Engineering East Hall, Room E3250, Richmond, VA, US

Professor Atulasimha researches multiferroic nanomagnets logic and memory

Industry Expertise

Research, Education/Learning

Areas of Expertise

Multiferroic nanomagnets logic and memory, Magnetostrictive spintronic nanowire strain sensor, Nonlinear magnetostrictive piezoelectric magnetoelectric response, Fabrication of MEMS devices, Hybrid spintronics-straintronics for ultralow power memory logic and higher order information processing, Nanomagnetism: Nanoscale magnetization dynamics, Spintronics: Spin transport and manipulation in nanowires

Education

University of Maryland

Ph.D. Aerospace Engineering

University of Maryland

M.S. Aerospace Engineering

Indian Institute of Technology - Madras

B.S. Mechanical Engineering

Accomplishments

Presidential Research Incentive Program Award

Awarded by Virginia Commonwealth University

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