

# **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

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## **Industry Expertise**

Research, Education/Learning

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## **Topics**

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

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## **Affiliations**

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### **Education**

**University of Maryland**  
Ph.D. Aerospace Engineering

**University of Maryland**  
M.S. Aerospace Engineering

**Indian Institute of Technology - Madras**  
B.S. Mechanical Engineering

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### **Accomplishments**

**Presidential Research Incentive Program Award**  
Awarded by Virginia Commonwealth University

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