

# **Erdem Topsakal, Ph.D.**

**Senior Associate Dean for Strategic Initiatives and Enrollment Management, College of Engineering at VCU College of Engineering**

Engineering West Hall, Room 203A, Richmond, VA, US

Erdem Topsakal received multiple degrees in electronics and communication engineering from Istanbul Technical University, Istanbul

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## **Industry Expertise**

Computer Hardware, Education/Learning, Health and Wellness, Research

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## **Areas of Expertise**

Microwave Early Cancer Detection and Monitoring, Microwave Hyperthermia and Ablation, Wireless Medical Telemetry (Implantable and Body-centric) and E-Health, Medical Applications of Microfluidics (Microfluidic Antennas and Sensors), Novel Microwave Antennas and Arrays, Computational Electromagnetics, Military Applications of Electromagnetics, Analytical Methods in Electromagnetics

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## **Education**

### **Harvard University**

Management Development Program MDP

### **University of Michigan**

Post Doctorate Electrical Engineering and Computer Science

### **Istanbul Technical University**

Ph.D. Electrical and Communications Engineering

### **Istanbul Technical University**

M.S. Electrical and Communications Engineering

### **Istanbul Technical University**

B.S. Electrical and Communications Engineering

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## **Accomplishments**

### **State Pride Award**

2011

### **State Pride Award**

2010

**Research Paper of the Year**

Bagley College of Engineering, MSU 2009

**Exemplary Service Award**

Applied Computational Electromag. Society 2009

**Innovative Grant**

Juvenile Diabetes Research Foundation 2007

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