

# **Hashem Ashrafiun, PhD**

**Professor of Mechanical Engineering; Director of the Center for Nonlinear Dynamics & Control  
| College of Engineering at Villanova University**

Villanova, PA, US

Hashem Ashrafiun, PhD, is an expert on robotics, autonomous vehicles, and nonlinear dynamics and control.

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## **Biography**

Hashem Ashrafiun is a Professor of Mechanical Engineering and Director of the Center for Nonlinear Dynamics & Control at Villanova College of Engineering, where his areas of expertise include drone technology, robotics, autonomous vessels for air, land, and sky, and nonlinear dynamics. Dr. Ashrafiun also directs the Center's Unmanned Surface and Underwater Vehicles Laboratory, which he founded in 2008.

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## **Areas of Expertise**

Autonomous Vehicles, Multibody Dynamics, System Dynamics, Robotics, Advanced Dynamics, Drones, Engineering Education

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## **Education**

State University of New York  
PhD

State University of New York  
MS

State University of New York  
BS

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