



DEVESH RANJAN

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Devesh Ranjan serves as Georgia Institute of Technology's (GIT) interim vice president for interdisciplinary research. He also is the Ring Family Chair and professor in GIT's Woodruff School of Mechanical Engineering (ME). In his roles, Devesh oversees all interdisciplinary activities including the Interdisciplinary Research Institutes (IRIs), Interdisciplinary Research Centers (IRCs), the Pediatric Technology Center (PTC), the Novelis Innovation Hub, the Center for Advanced Brain Imaging (CABI), and the Georgia Center for Medical Innovation. Devesh has held several other leadership positions including chairing ME's Fluid Mechanics Research Area Group (2017 - 2018), serving as ME's associate chair for research (2019-present), and serving as co-chair of the "Hypersonics as a System" task force at GIT. Devesh's research focuses on the interdisciplinary area of power conversion, complex fluid flows involving shock and hydrodynamic instabilities, and the turbulent mixing of materials in extreme conditions, such as supersonic and hypersonic flows. He currently serves on the interim governing board of the Department of Defense-funded University Consortium for Applied Hypersonics (UCAH). Before coming to GIT in 2014, Devesh was a director's research fellow at Los Alamos National Laboratory and the Morris E. Foster assistant professor in the mechanical engineering department at Texas A&M University. Devesh is a fellow of the American Society of Mechanical Engineers (ASME) and has received numerous awards for his scientific contributions, including the Department of Energy Early Career Award (first GIT recipient), the National Science Foundation CAREER Award, and the U.S. Air Force Office of Scientific Research (ASOFR) Young Investigator award. He was also named the J. Erskine Love Jr. Faculty Fellow (GIT) in 2015. He was invited to participate in the National Academy of Engineering's 2016 U.S. Frontiers in Engineering Symposium. Devesh is currently part of a 10-member technical screening committee of the National Academy of Engineering's COVID-19 Call for Engineering Action taskforce, an initiative to help fight the coronavirus pandemic. He also serves on the editorial board of the International Journal on Shock Waves, Detonations and Explosions, and he serves as an associate editor for the ASME's Journal of Fluids Engineering. He earned a bachelor's degree from the NIT-Trichy (India) and master's and Ph.D. degrees from the University of Wisconsin-Madison, all in Mechanical Engineering.