

## **Prashant Khare**

### Biography



Dr. Prashant Khare is an Associate Professor and the Associate Department Head in the Department of Aerospace Engineering at the University of Cincinnati. He earned his Ph.D. degree in aerospace engineering from the Georgia Institute of Technology and MS degree in mechanical engineering from Penn State University. Dr. Khare's research focuses on multiphase flows, turbulent fluid dynamics and combustion science, machine learning, and high-performance computing relevant to energy and propulsion systems. He is a recipient of the Penn State COE's 40 under 40 Award, Penn State Mechanical Engineering Society's Early Career Award, Sigma Xi Young Investigator Award, UC Faculty Excellence Award, CEAS Research Award for Early Career Faculty, the W.R. Marshall Award from ILASS, and several other best paper/presentation awards from AIAA and ASME for his research. He has also received several teaching awards,

including the Neil Wandmacher Teaching Award for Early Career Faculty, Professor of the Semester, Master Educator, and AEEM Excellence in Teaching awards. Dr. Khare is an Associate Editor of *Frontiers in Aerospace Engineering* and serves on various technical committees with AIAA, SAE and ASME. He leads the Data-Driven and Machine Learning for Multiphase Flows track in the ASME Multiphase Fluid Dynamics Technical Committee.