Prof. Kamesh Namuduri

Kamesh Namuduri is a Professor of Electrical Engineering and the Director of Autonomous Systems Laboratory at the University of North Texas (UNT). He received his B.S. degree in Electronics and Communication Engineering from Osmania University, India, in 1984, M.S. degree in Computer Science from University of Hyderabad in 1986, and Ph.D. degree in Computer Science and Engineering from University of South Florida in 1992. Over the past eleven years, his research is focused on aerial networking and communications. He is serving as the chair for two Standards Working Groups (IEEE 1920.1: Aerial Communications and Networking and IEEE P1920.2: Vehicle-to-Vehicle Communications for Unmanned Aircraft Systems). He is serving as the Chair for the IEEE Vehicular Technology Society's Ad Hoc Committee on Drones, as the Vice Chair for "Aerial Communications", an emerging technology initiative of the IEEE Communication Society, and as an Expert Adviser on UAVs, COM/Access Core Standards Committee, IEEE Communications Society. He is a co-editor for the book titled "UAV Networks and Communications" published by the Cambridge University Press in 2017. He is leading the Smart and Connected Community project on "Deployable Communication Systems" in collaboration with the government, public, and private organizations. This living laboratory project was demonstrated thrice during the Global City Teams Challenge hosted jointly by the National Institute of Standards and Technology and US Ignite in 2015, 2016, 2017, and 2018. He contributed to the development of research agenda, requirements and blueprints highly deployable communications systems led by the National Institute of Standards and Technology and National Public Safety Telecommunications Council. In 2020, Namuduri successfully led a team of seven organizations including three universities and four start-up companies engaging as an airspace partner in the Advanced Air Mobility, National Campaign Developmental Test project directed by NASA. Namuduri is serving as a member of the IEEE Public Safety Technology Task Force and contributed to the publication of its first whitepaper published in 2021. For the 2023-2025 term, Namuduri is named as a Distinguished Lecturer of the IEEE Vehicular Technology Society.