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**Bio:**

Seetha Raghavan is a Program Director for the Industry-University Co-operative Research Center (IUCRC) program at the National Science Foundation (NSF). Prior to her current rotation, she served as the Associate Dean of Research and Graduate Studies of the College of Engineering at Embry-Riddle Aeronautical University Daytona Beach campus where she is a Professor of Aerospace Engineering. Dr Raghavan's research has a focus on investigating the mechanics of high temperature materials for extreme environments in propulsion and hypersonic flight. Her research on the creation of sensing materials, supports in-space manufacturing and in-situ resource utilization for lunar exploration. Dr Raghavan received her doctoral degree in Aeronautics and Astronautics from Purdue University, her master's degree in Aeronautics and Space Technologies at SUPAERO, France and her Bachelors in Mechanical Engineering at Nanyang Technological University, Singapore. She is an Associate Fellow of the American Institute of Aeronautics and Astronautics, a Fellow of the Royal Aeronautical Society and a senior member of the National Academy of Inventors. She was honored nationally with the Women in Aerospace Educator Award in 2019.