



Department of Mechanical and Aerospace Engineering
Indian Institute of Technology Hyderabad
Kandi - 502285, Sangareddy, Telangana, India

MAE Industry Lecture | Lecture 14



Title: IP Strategy Leader
Speaker: Shri. G Nagashiresha
Affiliation: Intellectual Property Strategy Leader at GE Aerospace, Bengaluru, India
Date, Time, and Venue: April 24, 2024 (Wednesday), 1600-1700 Hrs., C-LH-2 (Note: Online mode is not available)
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Abstract | This presentation intends to offer a broad outline of GE Aerospace and the technologies it is currently developing. It also aims to provide a foundational understanding of IP and innovation, emphasizing their significance for institutions and organizations. Additionally, it will spotlight the key innovation trends in the aerospace industry, particularly focusing on Additive Manufacturing and High Temperature technologies, and showcase GE Aerospace's advancements in these areas.

About the Speaker | Nagashiresha, aka Sirisha has been a part of GE Aerospace for 16 years. In her most recent role as IP Strategy Leader for GE Aerospace, Sirisha developed and executed on IP Strategy for several domains including materials, structure, and engine dynamics for GE Aerospace. She Plays a crucial role in steering of IP strategy and Freedom to Practice assessments for product launches. She also holds the distinction of being a TRIZ Level 3 expert and leads IP awareness and brainstorming sessions. Sirisha also has 12 patents and three RTPs (defensive

publications) to her name. Her contributions extend to numerous national and international conference publications as well. Prior to joining GE Aerospace, Sirisha worked as a Materials Scientist at the Indian Space Research Organization (ISRO), where she focused on material characterization, the development of Al-Li alloys and Titanium foam for space applications until 2007. Sirisha has a master's degree in mechanical engineering, specializing in Material Science and Technology. Sirisha is married to Sunil and is the proud parent of a 15-year-old daughter Sharvani. During her leisure time, she indulges in gardening, playing the violin, and immersing herself in fiction novels and biographies.
