

Dr. G. Sailaja, an esteemed Associate Professor in the Mechanical Engineering Department, brings a wealth of expertise and experience to her role. Graduating with a degree in Mechanical Engineering from Osmania University, she continued her academic journey by earning a Master's in CAD/CAM with a gold medal distinction. Dr. Sailaja further solidified her academic credentials by obtaining a Doctorate in Structural Vibrations from JNTUH.

With over 15 years of teaching experience and two years of industrial exposure, Dr. Sailaja is renowned for her dedication to integrating educational technology tools and applications into the classroom. She is deeply committed to fostering an engaging learning environment and is adept at employing creative teaching strategies that captivate students' attention. Her commitment to academic excellence is evident through her active involvement in administrative services, committee contributions, and a results-driven approach to teaching.

Dr. Sailaja's contributions extend beyond the classroom, with an impressive array of patents and publications to her credit. She has been granted five Indian design patents, one utility patent, and two Australian patents, along with two copyright grants and two patent publications. Additionally, she has authored over 20 publications in both national and international journals. Her dedication to research is further underscored by her role as a recognized Research Supervisor at Osmania University.

Since joining MJCET in 2010, Dr. Sailaja has played a pivotal role in mentoring students across various engineering disciplines. Her commitment to student success is evident through her motivational teaching style, which includes in-depth lectures and stimulating discussions. Notably, she seamlessly transitioned to online teaching during the pandemic, demonstrating her adaptability and proficiency in leveraging technology for effective instruction.

Dr. Sailaja's research interests lie in the areas of Vibrations, Manufacturing, and Additive Manufacturing. She is a life member of both the Indian Society for Technical Education and the Institute of Engineers. Furthermore, her contributions to the field extend to co-authoring four international textbooks published by Lambert Publications, covering topics ranging from process control to transducer engineering and enhanced security measures like Iris Recognition. Dr. Sailaja's dedication to education, research, and student mentorship exemplifies her commitment to advancing knowledge and fostering excellence in engineering education.