

# Soft Gripper Research and Early Academic Career Journey

*By Anusree Mandali*

**Dr. Anusree Mandali, Assistant Professor of ECE at Lafayette College, earned her M.S. and Ph.D. from Cleveland State University. Her research focuses on robust and intelligent controllers for uncertain systems and printed sensors. She has published widely in journals and conferences. In this presentation, she will discuss soft grippers, a branch of soft robotics that leverages deformable materials for adaptive and safe manipulation in fields such as healthcare, food handling, and manufacturing. While soft grippers offer advantages such as low cost and high dexterity, their broader adoption remains limited by challenges in autonomy, scalability, and integration of sensing and control. In addition, Dr. Mandali will reflect on her decision to pursue an academic career and the challenges she has faced as an early-career professional.**



**Time: 11:20AM-12:20PM; Date: October 14, 2025; Location: FH 102, CSU**

Registration is free but required. Please scan the barcode or use the link below to register.

<https://events.vtools.ieee.org/m/499691>

