



Raj Sohmsheetty



Professor of Practice, Industrial & Systems Engineering | Assistant Director, Industry X Research Center | Mentor-in-Residence, Division of Research & Innovation | Wayne State University, Detroit, MI

Raj Sohmsheetty is the Assistant Director for IndustryX at Wayne State University's James and Patricia Anderson College of Engineering

and holds a joint appointment as a Professor of Practice in Industrial & Systems Engineering. He serves concurrently as a Mentor-in-Residence in the Division of Research & Innovation, where he champions technology commercialization and industry-university partnerships.

Over a distinguished multi-decade career at Ford Motor Company, Raj led high-impact initiatives in smart manufacturing, Industry4.0, robotics, IIoT, AI/ML, and digital twin technologies. He spearheaded strategic projects focused on realizing the factory of the future.

A prolific inventor, Raj holds over 70 patents in automotive design, manufacturing systems, and mobility solutions. He has authored more than 25 technical publications and served as a session chair and peer reviewer for organizations such as SAE. An engaging technical leader and consultant, he frequently shares insights on digital transformation and has been an invited speaker at industry forums and conferences on smart manufacturing technologies.

Raj seeks to unite transformative technology, academic insight, and industry demands—mentoring the next generation of engineers and driving sustainable innovation across the automotive and manufacturing ecosystems.

Expertise & Focus Areas :

- Smart manufacturing & Industry 4.0
- Factory of the future systems
- IIoT, AI/ML, robotics, digital twins
- Process optimization, DFMA, lean and green production
- Bridging academia and industry; mentoring in commercialization
- Emerging AI innovations and autonomous manufacturing agents

**Please join us in welcoming Raj Sohmsheetty to the UNI Network Group
Advisory Board Member**