

Rakesh Nagi

Rakesh Nagi is Donald Biggar Willett Professor of Engineering at the University of Illinois, Urbana-Champaign. He served as the Department Head of Industrial and Enterprise Systems Engineering (2013-2019). He also served as the Interim Director of the Illinois Applied Research Institute (2016 –2018). He is an affiliate faculty in Computer Science, Electrical and Computer Engineering, Coordinated Science Laboratory, Computational Science and Engineering, and Discovery Partners Initiative.

Previously he served as the Chair (2006-2012) and Professor of Industrial and Systems Engineering at the University at Buffalo (SUNY) (1993-2013). He received his Ph.D. (1991) and M.S. (1989) degrees in Mechanical Engineering from the University of Maryland at College Park, while he worked at the Institute for Systems Research and INRIA, France, and B.E. (1987) degree in Mechanical Engineering from University of Roorkee (now IIT-R), India.

He is a recipient of IISE David F. Baker Distinguished Research Award (2022), INFORMS Koopman Award from Military Application Society (2021, 2018), DARPA Graph Challenge, Champion (2020), Honorable Mention (2017, 2019), Finalist (2018), Innovation Award (2018, 2019), IIE Transactions on Design and Manufacturing, Best paper award from journal issues from July 2011 through June 2012 (2013), IIE Fellow Award (2010), UB's "Sustained Achievement Award" in recognition of outstanding achievements in scholarly activity (2009), Business First of Buffalo's "40 under Forty" award (2004), SME's Milton C. Shaw Outstanding Young Manufacturing Engineer Award (1999), IIE's Outstanding Young Industrial Engineer Award in Academia (1999), and National Science Foundation's CAREER Award (1996). His papers have been published in journals including *IIE Transactions*, *International Journal of Production Research*, *Journal of Manufacturing Systems*, *International Journal of Flexible Manufacturing Systems*, *Journal of Intelligent Manufacturing*, *Computers in Industry*, *Computer Integrated Manufacturing Systems*, *Management Science*, *Operations Research*, *Naval Research Logistics*, *European Journal of Operational Research*, *Annals of Operations Research*, *Computers and Operations Research*, *Computers and Industrial Engineering*, and *ASME and IEEE Transactions*. Dr. Nagi's major research thrusts are in applied/military operations research and production/manufacturing systems. His research interests are in Big Graphs, High-level Information Fusion, Location theoretic approaches to Facilities Design, Production Management and Scheduling, Agile Manufacturing and Information-Based Manufacturing.