

Distinguished Lecture on

Going beyond the white paper 'What is Impact? Generating Dividends of Economic Growth and Societal Benefits from Research and Innovation'



Speaker

Prof. Aparna Gupta

Principal Expert, Advisor to the CEO,
Anusandhan National Research Foundation (ANRF),
Professor of Quantitative Finance, Lally School of Management,
Rensselaer Polytechnic Institute, Troy, New York

Date & Time

August 17, 2026 at 10:00 am - 10:45 am

Venue

IBS Main Conference Hall

Speaker Profile

Prof. Aparna Gupta currently serves as a Principal Expert, Advisor to the CEO of Anusandhan National Research Foundation, Govt of India, where she is instrumental in building an impact framework to assess the ANRF portfolio of programs and funded projects for their impact alignment. Prior to ANRF, Dr. Gupta served as a Program Director for the Regional Innovation Engines program, a multi-billion dollar first-of-its-kind investment to establish place-based innovation ecosystems across the US, of the US National Science Foundation. Dr. Gupta is a tenured full professor of quantitative finance in the Lally School of Management at Rensselaer Polytechnic Institute located in Troy, New York. She was a visiting researcher at the US Securities and Exchange Commission in Washington DC for three years in the Commission's Office of Data Science of the Division of Economic Risk and Analysis. She was the co-founder and co-director of the NSF IUCRC Center for Research toward Advancing Financial Technologies (CRAFT), the first ever NSF funded center to address the research and technology challenges faced by the US financial sector. Dr. Gupta has also served as the Associate Dean for Academic Affairs of the Lally School of Management at RPI.

Dr. Gupta's research interest is in financial decision support, risk management, and applying mathematical modeling, artificial intelligence and financial engineering techniques for risk management in technology-enabled network services, as well as risk management in the inter-connected financial institutions and financial markets. Dr. Gupta has worked on several US NSF, US DoE funded research projects in financial innovations for risk management. Dr. Gupta's research has been published in top quantitative finance and operations research journals, and has been awarded various recognitions, including the best paper award of the Financial Management Association and best conference paper award at the 17th FRAP Conference. She served as the co-chair of the 2024 IEEE Symposium on Computational Intelligence for Financial Engineering and Economics (CIFER'24). She is the author of the book Risk Management and Simulation. Dr. Gupta is a member of INFORMS, WFA, FMA, GARP and IAQF, and serves on the GARP FRM Advisory Board and the editorial board of several quantitative finance and analytics journals. She earned her doctorate from Stanford University and her B.Sc. and M.Sc. degrees in Mathematics from the Indian Institute of Technology, Kanpur.