

Biography

Dr. Ravi Shankar Srinivasan is the Associate Dean for Research and Strategic Initiatives in the College of Design, Construction & Planning (DCP), University of Florida (UF), U.S. He is a Tenured Full Professor of Construction Management, M.E. Rinker Sr. School of Construction Management at UF DCP. He holds a B.Arch degree from the National Institute of Technology (NIT), Tiruchirappalli, India; a M.S. degree in Civil Engineering from University of Florida; and M.S. and Ph.D. degrees in Architecture (Building Technology) from the University of Pennsylvania.

Dr. Srinivasan is a Certified Energy Manager (CEM), LEED Accredited Professional, Green Globes Professional (GGP), Certified U.S. Institute of Building Documentation (USIBD) Level of Accuracy v3.0., and U.S. Federal Aviation Administration (FAA) Certified Remote (Drone) Pilot and a FAA Student Pilot (Private). He is an external faculty collaborator with the Center for Environmental Building & Design at the University of Pennsylvania's School of Design. He is the Director of UrbSys (Urban Building Energy, Sensing, Controls, Big Data Analysis, and Visualization) Lab at the Rinker School of Construction Management in the DCP, University of Florida.

Dr. Srinivasan has served as PI and Co-PI on projects funded by external sponsored agencies including National Science Foundation (NSF), U.S. Housing and Urban Development (HUD), U.S. Veteran Affairs (VA), National Research Council (NRC) of Canada, Diakin Open Innovation Lab in the Silicon Valley, Nesta Enterprises UK, and other private companies. He has published one book as a lead author titled, "The Hierarchy of Energy in Architecture: Energy Analysis," Routledge and co-edited a book titled, "Smart Cities: Foundations, Principles, and Applications," John Wiley & Sons. He has published six book chapters, 51 articles in very highly refereed journals and 50 referred conference proceedings accumulating around 6,000 citations. Out of the eight patents with U.S. Patent and Trade Office (USPTO) held by Dr. Srinivasan, four of them are licensed to a for-profit startup company in the U.S.

Dr. Srinivasan has advised undergraduate honors theses, chaired ten masters' theses and seven Ph.D. dissertations and all of them were successfully employed in the industry including NVIDIA, McKinsey & Company, and academia. He taught undergraduate and graduate courses including Building Energy Modeling and Sustainability. He served on the board of directors at the National Fenestration Rating Council (NFRC) for six years and, currently chairs the handbook subcommittee (TC 4.5) for the American Society of Heating, Refrigeration and Airconditioning Engineers (ASHRAE) Handbook of Fundamentals.