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Dr. Rangaraju is a Professor of Civil Engineering at Clemson University and has served in this position for the last 23 years. Before joining Clemson University, Dr. Rangaraju worked in Minnesota Department of Transportation (MnDOT) as a Senior Research Engineer for 5 years, during which time he had conducted extensive investigation of premature distresses in pavements and bridges and also helped develop durable designs for long-life pavements in Minnesota. During this time Dr. Rangaraju was also involved in investigating premature failures in a number of transportation infrastructure to study the role of materials and design parameters on performance. Dr. Rangaraju is a registered Professional Engineer in the State of Minnesota. Before joining MnDOT, Dr. Rangaraju obtained his PhD at Purdue University in 1997. Dr. Rangaraju has previously been a member of TRB Technical Committees (AFN30, AFN40), and presently serves on a number of ACI Technical Committees (ACI123, 232, 233, 240) as well as ASTM C01 and C09 committees. He is also a Fellow of ACI. Dr. Rangaraju has successfully completed major research projects that were multi-PI and multi-institutional projects from funding agencies such as FHWA, FAA, DOE, NAVFAC, USDA, NSF, SCDOT and other organizations. Recently, Dr. Rangaraju served as a member of the NCHRP 10-103 Committee and worked with FHWA TFHRC in developing a new test methods (Miniature Concrete Prism Test – AASHTO T380) for durability assessment of materials in pavements. Dr. Rangaraju's expertise lies in conducting fundamental material characterization, performance assessment of concrete mixtures, developing low-carbon cementitious materials and developing innovative solutions in the additive manufacturing with concrete.

During the past 23 years, Dr. Rangaraju has published over 100 peer-reviewed publications in reputed journals and presented his work in numerous national and international conferences. Dr. Rangaraju has authored standard specifications in AASHTO (AASHTO T 380), and ASTM (ASTM C1866) based on his research work. He is the recipient of outstanding Faculty mentoring award at Clemson University and has received multiple citations of Faculty Excellence from the Board of Trustees of Clemson University. He was recognized as the Senior Faculty Fellow by the Office of Naval Research, and he served as a visiting professor at Indian Institute of Technology Madras, India. Dr. Rangaraju has served as the Director of ARTS Research facility at Clemson University, and he is presently serving as the Director of the Sustainable Materials Research and Technology (SMaRT) Laboratory in the Glenn Department of Civil Engineering.