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Mahendrakumar Madhavan is an Associate Professor in the Department of Civil Engineering, Indian Institute of Technology (IIT) Hyderabad, India. Dr. Madhavan teaches at both undergraduate and postgraduate levels, provides industry training by conducting short courses and seminars, assists practicing structural engineers by offering consultancy services and leads the structural steel research group at IITH with the goal of enabling sustainable construction practices at home in India and around the globe. He obtained his Ph.D. from the University of Alabama at Birmingham, USA and a Masters Degree from The National University of Singapore, Singapore. Prior to joining IIT Hyderabad, Dr. Madhavan worked as a Structural Engineer at Alabama Power Company, Birmingham and is a Registered Professional Engineer (PE) in the State of Alabama USA.

Dr. Madhavan's principal research interests lie in the area of physical testing of structural members and systems, numerical modeling through the use of commercially available finite element packages and in the development of new design methods for steel intensive structures. He has published more than 40 peer-reviewed internationally reputed journals and holds membership in the "American Society of Civil Engineers (ASCE) Structural Engineering Institute (SEI) Technical Administrative Committee on Metals" and in "ASCE SEI Cold Formed Steel Members Committee". He is an Editorial board member of Journal of Structures since 2019.