Assoc. Prof. Harish Chandra ARORA, PhD

Dr. Harish Chandra Arora currently holds the esteemed position of Principal Scientist within the Structural Engineering Group at CSIR-Central Building Research Institute in Roorkee, India. With a distinguished career spanning more than 28 years, Dr. Arora is a renowned figure in the field of structural engineering.

His extensive and diverse research interests encompass a broad spectrum of topics, including distress diagnosis, the repair and rehabilitation of corroded structures, structural analysis and design, as well as the innovative retrofitting and strengthening of structures using cutting-edge materials like Fiber Reinforced Polymer (FRP) and Fiber Reinforced Cementitious Matrix (FRCM).

Dr. Arora's exceptional contributions to the field have garnered recognition in both national and international academic journals. Beyond his scholarly achievements, he has made a significant impact on the education and development of future engineers, having supervised and guided over 100 students in their pursuit of Bachelor of Technology and Masters of Technology degrees. Additionally, he continues to mentor and support research scholars pursuing doctoral programs at the Central Building Research Institute in Roorkee, India.

In recognition of his profound expertise, Dr. Arora is currently engaged in the editorial process of two forthcoming books, set to be published by esteemed publishers Elsevier and Springer Nature. These books, titled "Application of Artificial Intelligence to Civil Engineering for Sustainable Construction" and "Damage Detection and Structural Health Monitoring of Concrete and Masonry Structures – Novel Techniques and Applications," are expected to be published by July 2023.

Furthermore, Dr. Arora actively contributes to the scholarly community as a respected reviewer for journals published by Springer Nature and Elsevier. His commitment to maintain the quality and rigour of academic publications is highly regarded.

Beyond his academic pursuits, Dr. Arora has undertaken numerous consultancy and R&D projects within the field of structural engineering, further showing his dedication to advancing the science and practice of sustainable construction.