

BRIEF BIO-SKETCH

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Prof. Suresh Bhalla is Professor at the Department of Civil Engineering, IIT Delhi. His main areas of interest are smart structures, structural health monitoring, electro-mechanical impedance (EMI) technique, bio-mechanics/ bio-medical applications of smart materials, piezoelectric energy harvesting and sustainable construction through engineered bamboo structures. Dr. Bhalla has published over 80 papers in international SCI indexed journals, and over 85 in international/ national refereed conferences/ workshops. He has co-authored two books “**Piezoelectric Materials: Applications in SHM, Energy Harvesting and Bio-mechanics (Wiley-Athena)**” and “**Smart Materials in Structural Health Monitoring, Control and Bio-mechanics (Springer)**”. He has also contributed chapters for three other books. His publications are highly cited in the Web of Science and Scopus by peers, represented by an h-index of 27 in the Web of Science, 30 in SCOPUS (ID: 56248375100) and 35 in ResearchGate. His pioneering paper on monitoring of RC structures published in 2000 has received over 260 citations so far in the Web of Science and 391 in SCOPUS. A finalist of the SCOPUS Young Scientist Award 2014, Prof. Bhalla has been the recipient of several other laurels, such as three best paper awards (2018, 2016, 2012), award for teaching excellence (2011), outstanding young faculty fellow (2008), NSTB gold medal for best Master’s thesis (2001) and the Institute silver medal (1995). Prof. Bhalla has completed R&D projects amounting to over Rs 10 crore. Dr. Bhalla has five invention disclosures to his credit, two have been granted patent and rest are under process. Prof. Bhalla has been the founder of the “Smart Structures and Dynamics Lab” at IIT Delhi. He chaired the **International Conference on Futuristic Technologies (FT 21)**, held during 22-24 January 2021. **Prof. Bhalla has been recognized among top 2% of world scientists since 2020 on the basis of standardized citation indications of Scopus Elsevier databases (DOI:10.17632/btchxktzyw.5 dated 3 Nov 2022)**. Prof. Bhalla is also the founding President of the Indian Structural Health Monitoring Society (ISHMS).