

BIO-SKETCH

Suresh Bhalla

Professor

Department of Civil Engineering
Indian Institute of Technology Delhi (IITD)
Hauz Khas, New Delhi 110 016
INDIA



BRIEF BIO-SKETCH

Dr. 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 engineered bamboo structures. Dr. Bhalla has published over 65 papers in international journals, and over 70 in international/ national refereed conferences/ workshops. He has co-authored two books “**Piezoelectric Materials: Applications in SHM, Energy Harvesting and Bio-mechanics (Wiley)**” 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 20 in Web of Science and 25 in SCOPUS. His pioneering paper on monitoring of RC structures published in 2000 has received over 250 citations so far in the Web of Science. A finalist of the SCOPUS Young Scientist Award 2014, Dr. Bhalla has been the recipient of several other laurels, such as two best paper awards (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). Dr. Bhalla has completed R&D projects amounting to about Rs 10 crore. Dr. Bhalla has five invention disclosures to his credit, four of which have been applied for patent. Dr. Bhalla has been the founder of the “Smart Structures and Dynamics Lab” at IIT Delhi. **Recently, Dr. Bhalla has been recognized among top 2% of world scientists by Stanford University on the basis of standardized citation indications.**

RESEARCH AREAS

Structural health monitoring; smart material and structures; piezoelectric energy harvesting; adaptation and transfer of aerospace technologies to mechanical and civil engineering systems; bio-mechanics; tensegrity structures; engineered bamboo structures.

Further details available at : <http://web.iitd.ac.in/~sbhalla>