



INDIAN STRUCTURAL HEALTH MONITORING SOCIETY (ISHMS)

SECOND INDUSTRY COLLABORATIVE WORKSHOP

24 SEPTEMBER 2025, 4:00 PM (IST)

4:00 PM - 4:30 PM

Registration and Exhibition

4:30 PM - 5:30 PM

Structural Health Assessment: A Global Outlook- Myth and Challenges, Theoretical and Experimental Strategies

Prof. Achintya Haldar is Professor of Civil Engineering and Engineering Mechanics at University of Arizona, USA and Visiting Professor, IIT Delhi. He is widely recognized for pioneering research on structural health monitoring (SHM) using probabilistic and reliability based approaches, exemplary use of specialized signal processing techniques for real time SHM, integrating inspection with probabilistic fatigue and deterioration models, performing post earthquake SHM and bringing interdisciplinary perspective and education to SHM. He has authored over 640 technical articles, 12 books, and 38 book chapters. He has been honored with the Presidential Young Investigator award, ASCE's Huber research prize and numerous other teaching excellence awards.



PROF. ACHINTYA HALDAR
PROFESSOR, UNIVERSITY OF ARIZONA, MASCE, FSEI

5:30 PM - 6:00 PM

From Reactive Audit to Data Driven Predictive SHM: Way Forward for India

Prof. Suresh Bhalla is Professor, Higher Administrative Grade, Dept. of Civil and Environmental Engineering IIT Delhi and founding President, ISHMS. Within the SHM domain, Prof. Bhalla is well-known for his ground breaking research related to the electro-mechanical impedance (EMI) technique and the piezo-based experimental/ operational modal analysis (OMA) for civil-structures, especially catapulting transition from lab to field. Prof. Bhalla has published 88 papers in international SCI indexed journals, over 100 papers in conferences/workshops and co-authored three books. Apart from international recognition of being top 2% of world scientists and counted among top 20 SHM scholars globally (Schollar GPS), Prof. Bhalla has received several awards and recognitions, such as INAE fellowship and Singapore's NSTB gold medal. He is currently mentoring three deep tech. startups based on over half a dozen of his inventions.



PROF. SURESH BHALLA
PRESIDENT ISHMS
PROFESSOR, DEPT. CIVIL AND ENVIRONMENTAL ENGINEERING
IIT DELHI

Free Registration →

<https://bit.ly/registerishms>



Venue

LH-318 3rd Floor
Lecture Hall Complex
Hauz Khas, New Delhi-110016

www.youtube.com/@ISHMS23

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admin@ishms.org.in



6:00 PM - 6:30 PM

General Discussion: **Future of Structural Health Monitoring in India**

Moderator: **Dr. Naveet Kaur**

Dr Naveet Kaur is a distinguished Principal Scientist at CSIR-CRRI and Founding Vice-President, ISHMS. She has a rich experience in the areas of piezoelectric energy harvesting, drone based NDT, non-contact SHM, earthquake engineering and vibration control and rebar corrosion monitoring. She has completed several R&D projects of funded by DST, MoRTH, NHAI etc., including rehabilitation of distressed bridges. Her research has resulted in over 40 journal and conference publications, 2 books, 5 book chapters and 3 invention disclosures. She is ranked among the top 5% of researchers worldwide in her field of research (Scholar GPS). She has received several prestigious awards, including the doctoral distinction award and the CIDC Vishwakarma Award 2025, among others.



DR. NAVEET KAUR
VICE-PRESIDENT ISHMS
PRINCIPAL SCIENTIST
CSIR-CRRI

6:30 PM - 6:45 PM

Sponsor Presentation

AI Enabled Real-Time SHM by Col Rohit Gogna

Col. Rohit Gogna is the Founder & CEO of Sanrachna Prahari Pvt. Ltd. (SPPL), an IIT-Delhi incubated startup specializing in SHM solutions developed at IIT Delhi for civil infrastructure. Under his leadership, SPPL harnesses advanced sensor technologies, real-time data acquisition, and expert diagnostics to assess and safeguard the integrity of bridges, buildings, tunnels, and other critical structures.



COL. ROHIT GOGNA
FOUNDER & CEO
SPPL INDIA

6:45 PM - 7:00 PM

Sponsor Presentation

SHM By Retrofitted Structures by Nitin Verma

Ar. Nitin S. Verma is a trained architect and post-disaster reconstruction specialist, with over 25 years of experience in the field. He has been part of the first responders team to most natural calamities occurring in India from 1999 to 2011, including Orissa Super-Cyclone, Bhuj Earthquake, and Indian Ocean Tsunami to name a few. He Co-founded AC&I, a cutting edge technology company, in 2012, to work towards strengthening, including against earthquakes, of existing structures. Over ten years, ACI has designed and executed retrofitting of more than 130 structures such as hotels, embassies, schools, hospitals, factories, bridges and metros.



ER. NITIN VERMA
ADHAR CONSULTANCY
AND INFRASTRUCTURE

7:00 PM - 8:00 PM

High Tea, Networking and Poster/ Stall Visit

Free Registration → <https://bit.ly/registerishms>



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