



INDIAN CONCRETE INSTITUTE
BENGALURU CENTER, KARNATAKA

Cordially invite you for the webinar on
“Structural Health Monitoring System”
(Ability to Respond to Adverse Structural Damages,
Improving Structural Reliability and Life Cycle Management)
On 23rd July 2021, Friday 5.00 pm.



By: Dr. S K Dhawan, Former Chief Engineer, Central Public Works Department; Delhi High Court Arbitrator, Dispute resolution Board Member, Governing Council Member, Indian Association of Structural Engineers ; Visiting Faculty, Civil Engineering Department, IIT, Delhi. Fellow Member, Association of Structural Engineers. Holds Master's degree in Structural Engineering from Indian Institute of Technology, Delhi with distinction. Master's in Management in Urban Development, from Birmingham University, U.K., Master's degree in Public Administration, from Indian Institute of Public Administration with distinction, MPhil in Project Management from

Punjab University, with distinction, PhD in Structures from Civil Engineering Department, Indian Institute of Technology, Delhi. Fellow Member of Institution of Engineers, Fellow Member of institution of Valuers, Member of Indian road congress, Indian building congress, Institution of Arbitrator, Indian institute of bridges, Indian Concrete Institute, Member of British scholars, Member of American Association of Civil Engineers, Participated in various international and national seminars in different parts of the country and presented papers, Many articles related to structures published in national and international journals. Won various awards like life time achievement award from Indian concrete Institute, Life time achievement award from institution of engineers, Delhi Centre, Best Alumni Award from Indian Institution of Engineers, India.

Brief about topic:

Structural Health Monitoring involves the observations and analysis of a system over time using periodically sampled response measurements to monitor changes to the materials and geometry properties of engineering structures. Ability to respond to adverse structural damages, improving structural reliability and life cycle management. The SHM process involves selecting the excitation methods, the sensor types, number and location and the data acquisition / storage / transmittal of hard ware commonly called health monitoring system.

Dr. L R Manjunatha
Hon. Chairman ICI(BENC)

Dr. R L Ramesh
Hon. Secretary ICI(BENC)

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