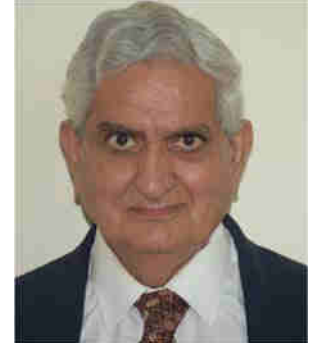


DISTINGUISHED LECTURE SERIES

GUEST SPEAKER

OM TANEJA, Ph. D., P.E., Fellow ASHRAE, Consulting Engineer

Dr. Taneja holds a bachelor's degree in Mechanical Engineering from Indian Institute of Technology, New Delhi, Master's degree in Control systems and a Ph.D. degree in Systems Sciences and Operations Research from New York University. He is a licensed professional engineer, ASHRAE Fellow, USGBC Member with specialization in innovative technologies adoption, smart infrastructure, smart buildings, smart cities, power generation and distribution, sustainability, energy-efficiency, training and capacity development along with associated, operations and maintenance issues.



Dr. Taneja has more than 40 years of diversified experience in the area of design, construction, operations and maintenance of large facilities, including the United Nations Headquarters, General Electric Headquarters, US Government General Services Administration and a 17 years in the Infrastructure Development for hospitals, court houses and varied commercial, industrial and historical facilities. Mr. Taneja has recently been the "Director of Manhattan Service Center" for the United States General Services Administration where he managed the Federally owned and leased Properties with diverse and growing portfolio of assets and with emphasis on smart buildings, greening, energy and water efficiency, analytics, technology adoption, alternate work space designs, emergency preparedness and improved operations, and maintenance.

Dr. Taneja was designated an ASHRAE fellow after serving on different Chapter and Technical Committees with USGBC, ASME and ASHRAE. He is serving as a Distinguished Lecturer" for ASHRAE since FY 2012, conducting seminars on technology adoption, smart buildings, transformation of facilities management, operations, maintenance and staff development

TOPIC: Myth or Reality – "Facing the Realities & Challenges in Sustainability & Energy Efficiency" - Bridging The Gap In Performance From Concept Though Operations - Design, Construction, Operations & Maintenance Measures for Improving Performance of Buildings"

Socio-economic, climate change, and costs considerations require Buildings and Infrastructure industry to improve energy, comfort, IAQ, sustainability of existing and new buildings. Customers require greater comfort and improved IAQ. However, industry is experiencing gaps in performance after occupancy, at the start or after a building has been in operations for a few years. Bridging the gap between great intentions in design and construction, toward building performance of existing and new buildings at the desired levels, is a major challenge. This presentation outlines some approaches to systematize, leverage innovative technologies, monitor, track and take corrective actions during design, construction, Operations & Maintenance, commissioning, systems turnover and periodic tune-ups. Such measures along with development and training of Facilities Management staff can enable delivery or restoration of high performance to that of original design parameters or better. Field measurements of performance and understanding operational problems can lead to adaptive changes and can increase accountability amongst the design, build and buildings management groups.

Tuesday January 19, 2021 – 4:30 pm

Virtual Meeting via GOTO Meeting

**GOTO MEETING link
available to those that are registered
ASHRAE Windsor Chapter
or ASHRAE London Canada Chapter**