

INDIAN STRUCTURAL HEALTH MONITORING SOCIETY (ISHMS)



TECHNICAL SEMINAR

CLOVE
TECHNOLOGIES

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SHM TO BRIDGE-WEIGH-IN-MOTION AND BEYOND: AN AUSTRALIAN JOURNEY

06 JANUARY 2026, 3:30 PM (IST)

3:30 PM - 4:00 PM

Registration and Exhibition

4:00 PM - 5:00 PM

Lecture by Dr. Govinda Pandey



DR. GOVINDA PANDEY

EXECUTIVE CHAIRMAN

ROCKFIELD TECHNOLOGIES, AUSTRALIA

ADJUNCT PROFESSOR, JAMES COOK
UNIVERSITY

Synopsis:

Australia's infrastructure sector is entering a new era of intelligent asset management, driven by rapid advancements in sensing technologies, cloud analytics, and AI. This presentation explores the evolution of Structural Health Monitoring (SHM) in Australia and its natural progression toward Bridge-Weigh-in-Motion (B-WIM) systems and beyond. Drawing on real project experiences, it will highlight how the integration of SHM, high-fidelity modelling, and performance-based assessment frameworks is enabling more effective and risk-informed management of ageing bridge and tunnel assets across the country. The session will showcase lessons learned from pioneering SHM deployments, the transition from reactive to predictive monitoring, and the emergence of B-WIM as a powerful tool for network-wide intelligence. It will also reflect on the collaborative ecosystem, spanning universities, transport agencies, and industry partners that has made these advancements possible.

Free Registration →

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Venue

Seminar Hall, Block D
Ground Floor
Research & Innovation Park
Hauz Khas, New Delhi-110016



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About the Speaker

Dr. Govinda Pandey is the Executive Chairman of Rockfield Technologies Australia, Co-founder of the technology start-up LiXiA and Fellow of Engineers Australia. His major contributions involves innovation in Structural Health Monitoring (SHM), digital engineering systems, and smart city technologies. Under his leadership, Rockfield has strong global presence in multidisciplinary engineering consultancy, driving the adoption of intelligent infrastructure solutions through advancements in IoT, advanced sensing, SHM, and data analytics. He maintains strong engagement with academia as an Adjunct Professor at James Cook University and serves on several university and industry advisory boards. He has played a key role in strengthening partnerships among Australian universities, transport agencies, and industry, supporting transformative research and capability development across the infrastructure sector.

5:00 PM - 5:30 PM

High Tea, Networking and Poster/ Stall Visit

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